

# Numbers and Patterns



My Name

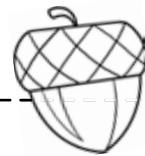


# In this book

The Mathseeds program teaches children the core math and problem solving skills needed to be successful at school.

Each online lesson begins by introducing and modeling a mathematical concept. The child then completes a wide range of activities to practice the new skill. These activities present the content in many different ways, so children learn to use and apply each new skill in a variety of situations.

This book is designed to supplement the online program with more exercises in the core mathematical concepts. Each unit focuses on a topic within the main learning strand, presenting a series of pen and paper activities, word problems, puzzles, and games to practice their skills and understanding.





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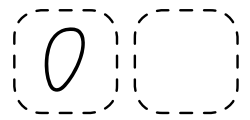
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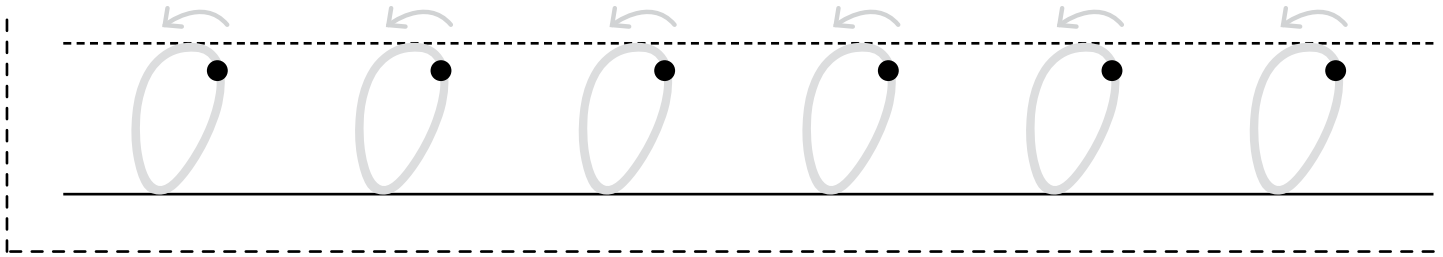
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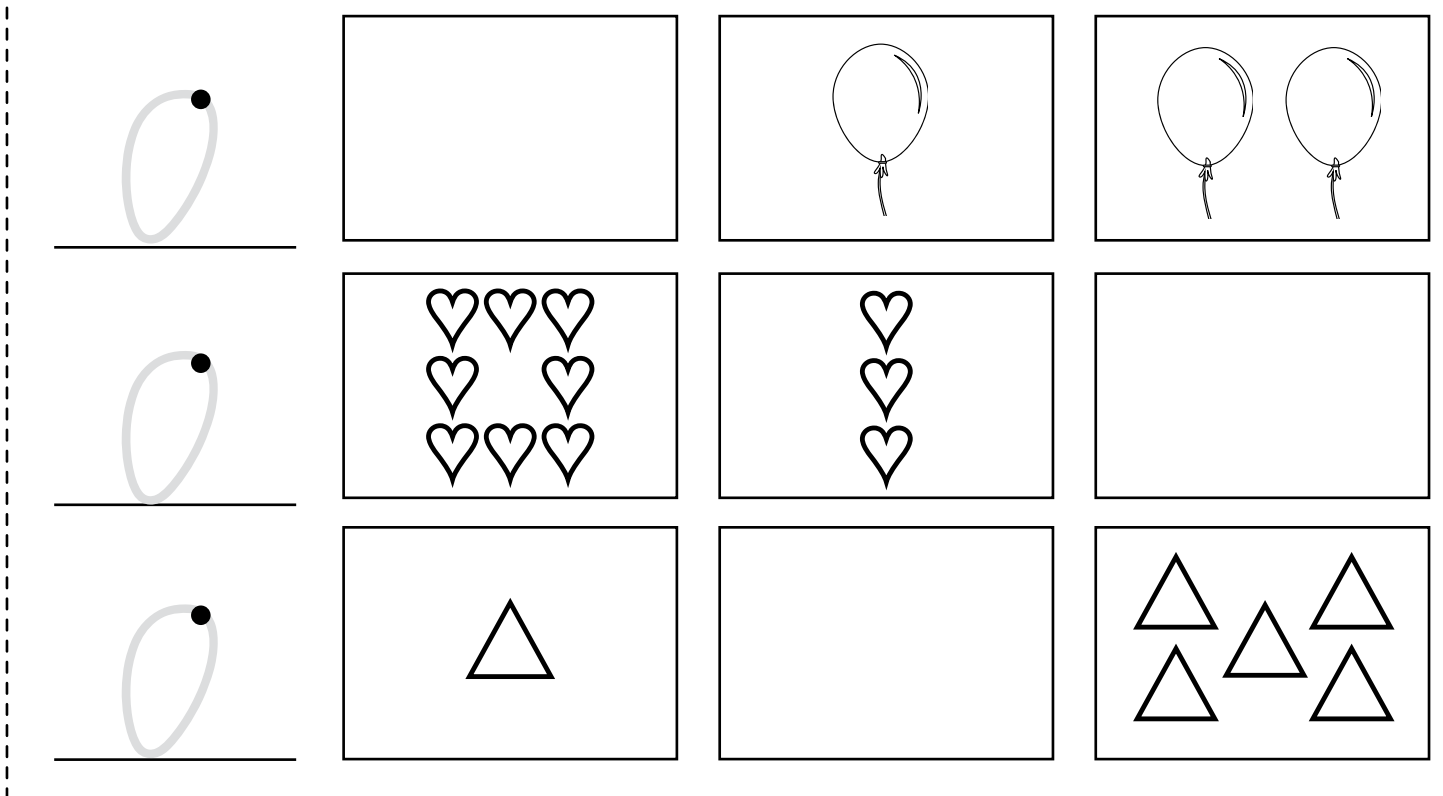
# Number 0 • zero



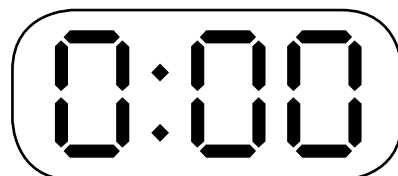
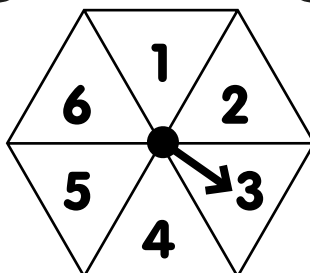
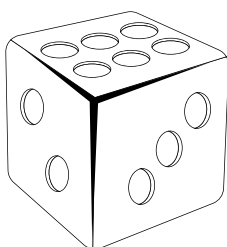
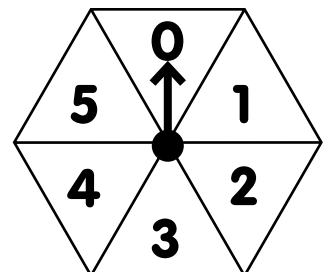
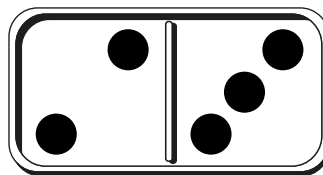
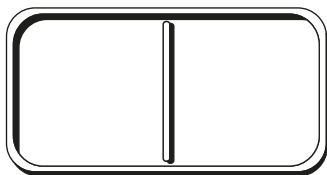
1 Write the number 0.



2 Which box has 0 things? Circle it.



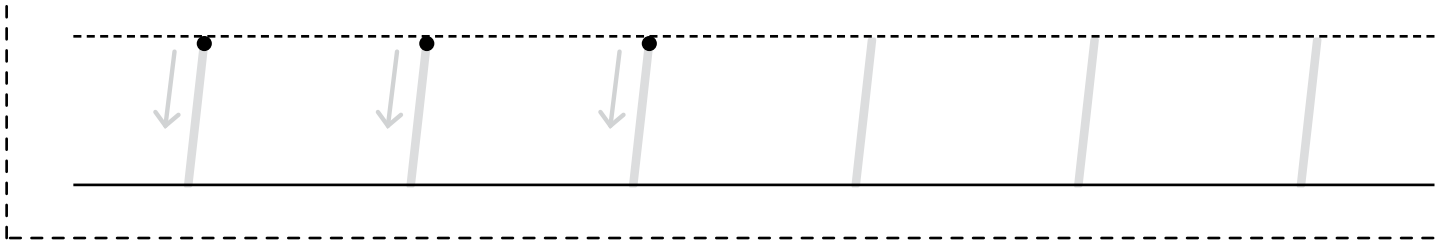
3 Color the game pieces showing 0.



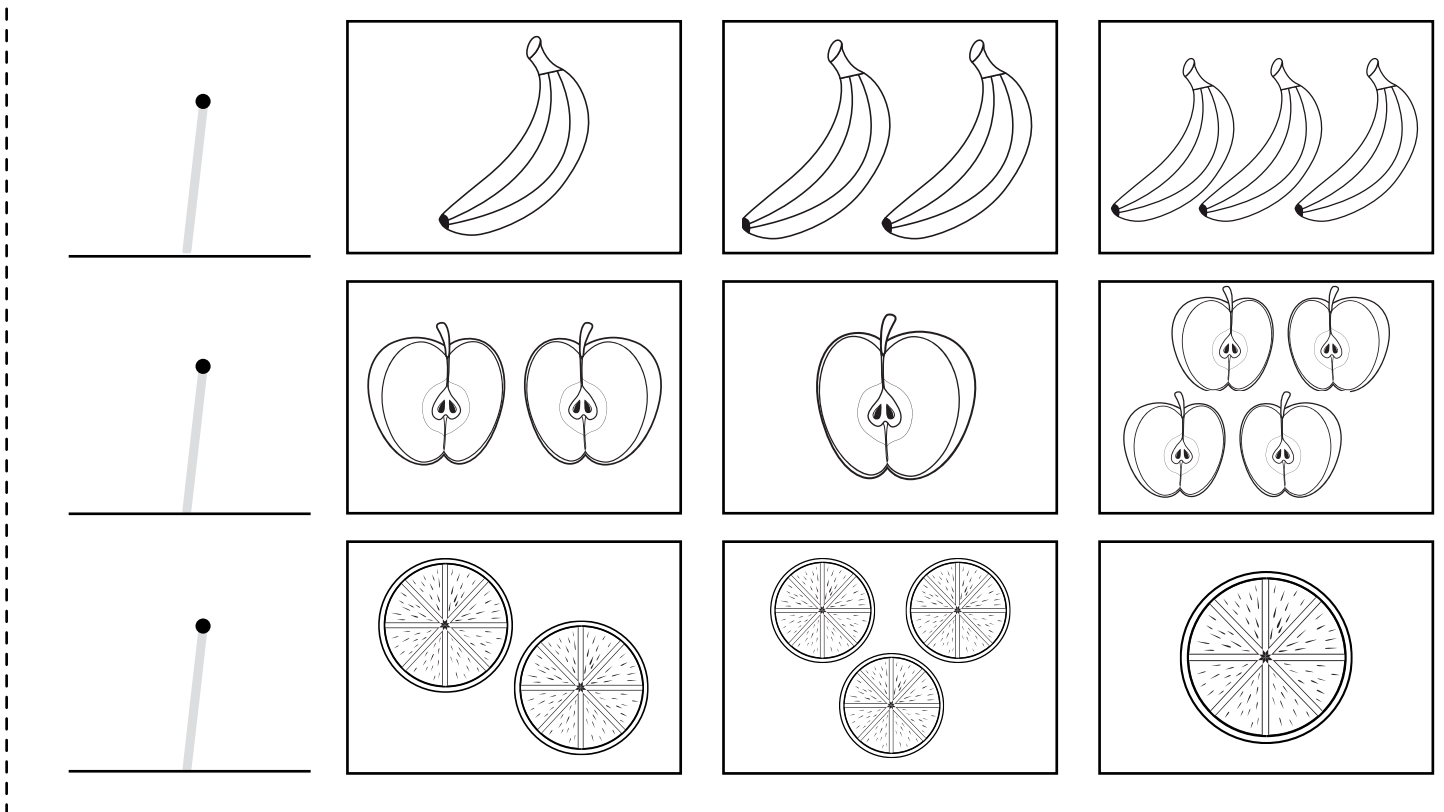
# Number 1 • one



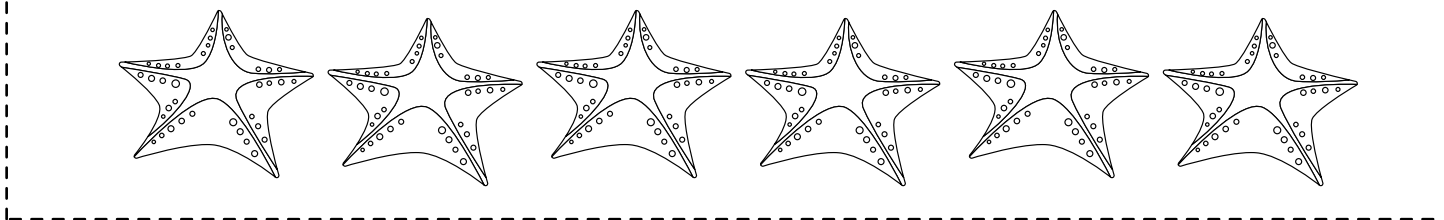
1 Write the number 1.



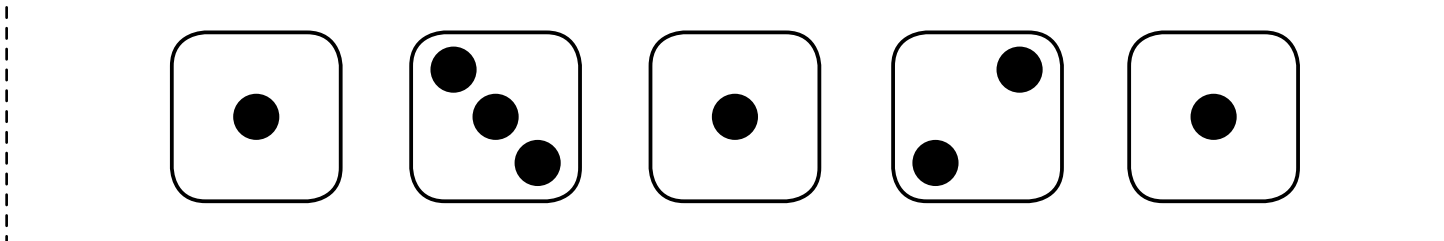
2 Which box has 1 thing? Color it.



3 Color 1 starfish.



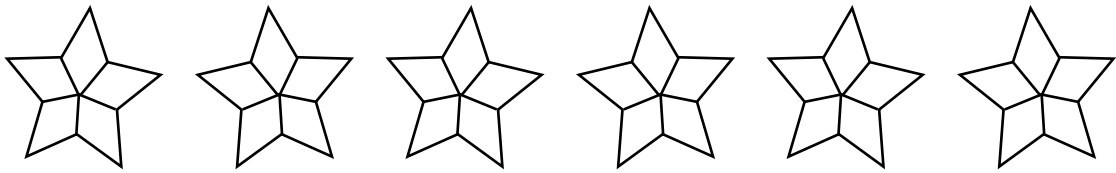
4 Color the dice with 1 dot.



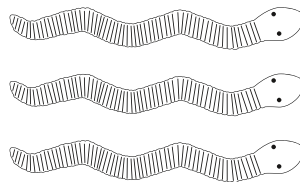
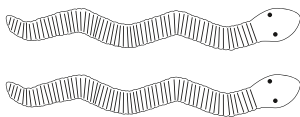
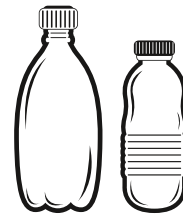
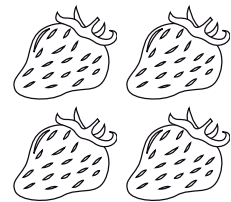




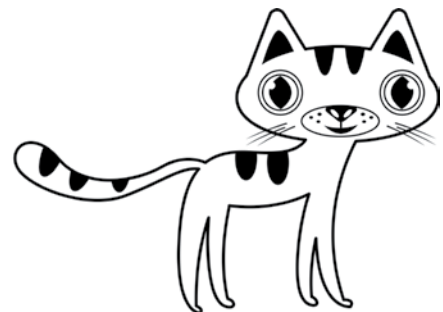
5 Circle one star.



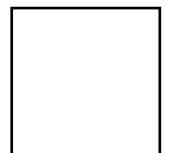
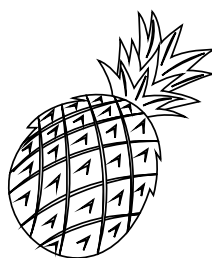
6 Circle 1 in each row.



7 Give each cat 1 fish. 



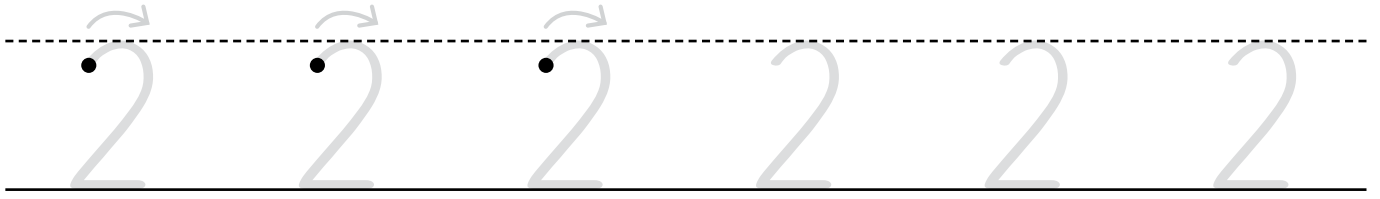
8 How many?



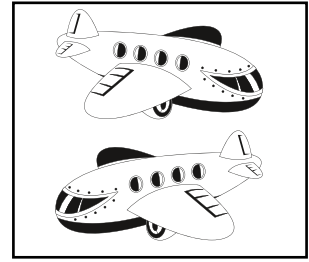
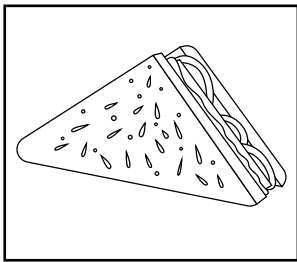
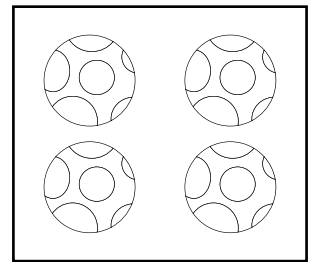
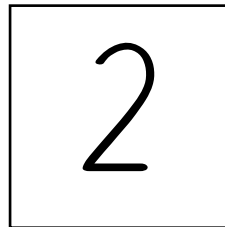
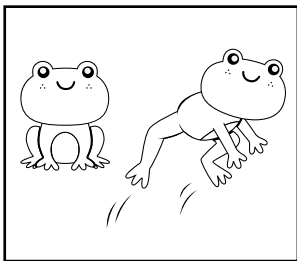
# Number 2 • two



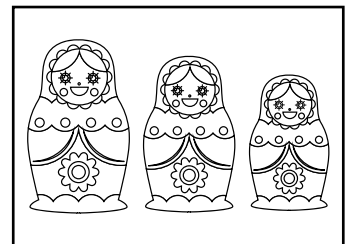
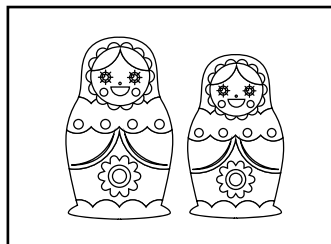
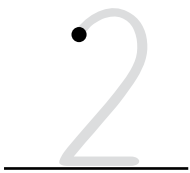
1 Write the number 2.



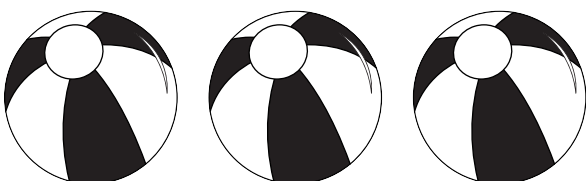
2 Which pictures have 2? Match.



3 Which box has 2 things? Color them.



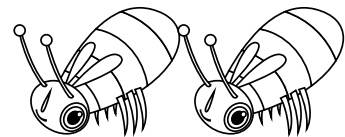
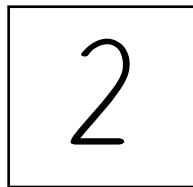
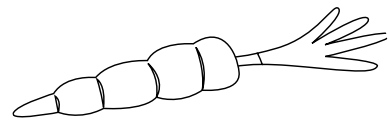
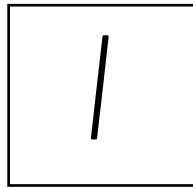
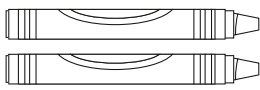
4 Draw two more.



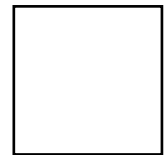
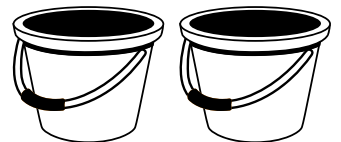
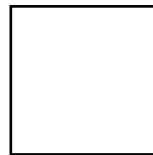
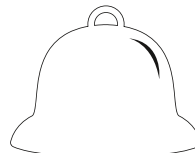
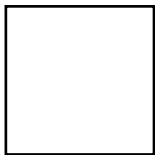
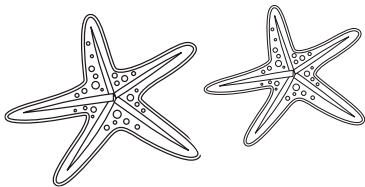
5 Circle two buckets.



6 Match.

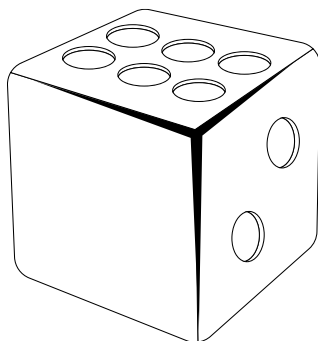


7 How many?

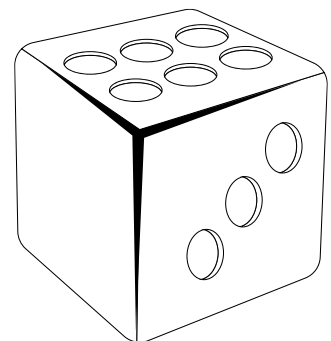


8 Draw:

1 dot.



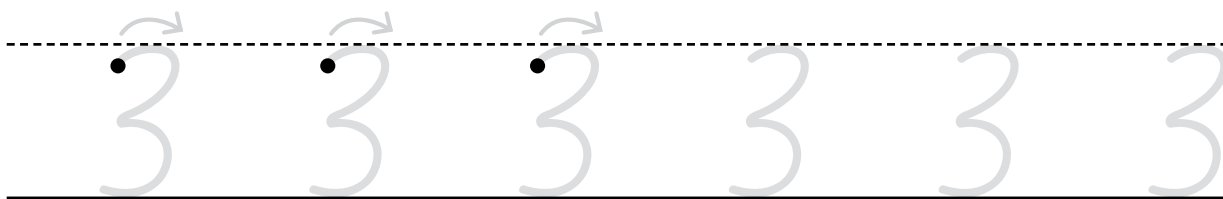
2 dots.



# Number 3 • three



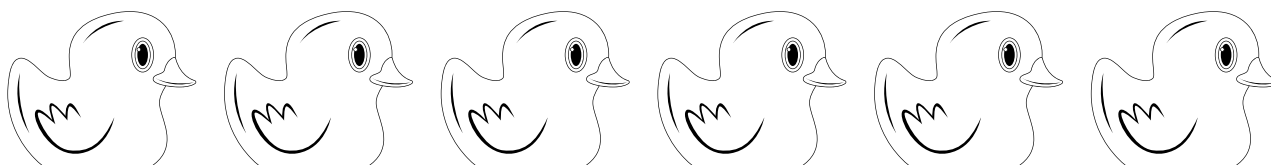
1 Write the number 3.



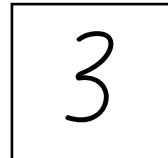
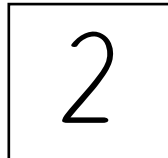
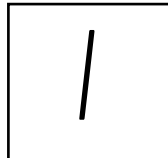
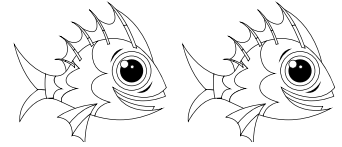
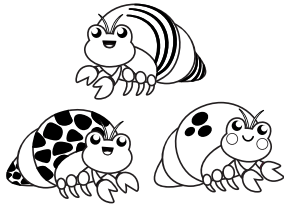
2 Which box has 3 things? Color it.

3			
3			
3			
3			

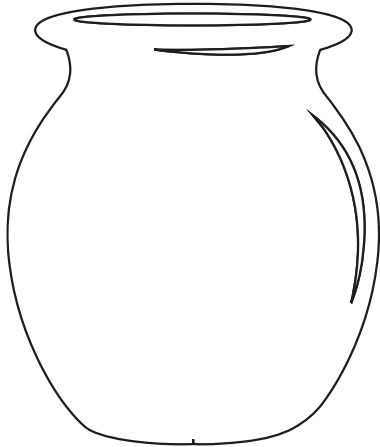
3 Cross **X** out three ducks.



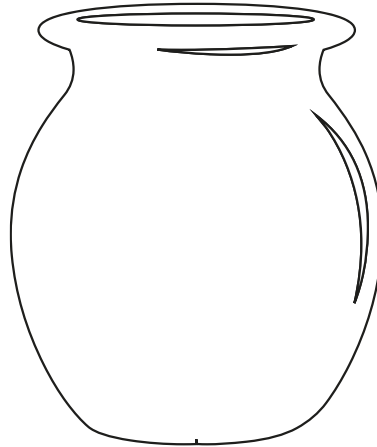
4 Match each picture to a number.



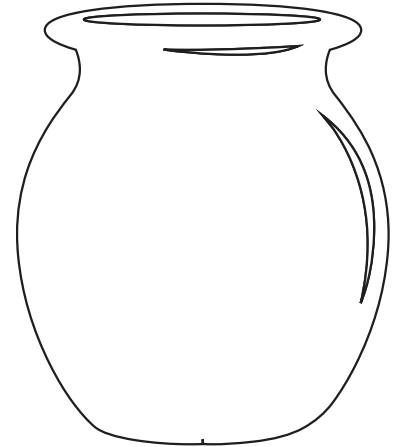
5 Draw.



1 star

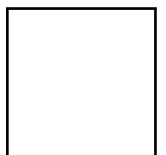
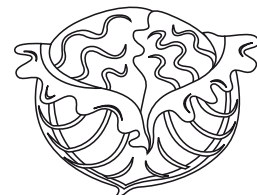
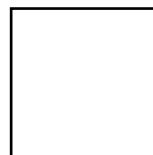
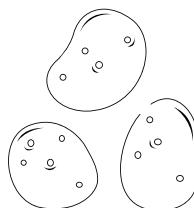
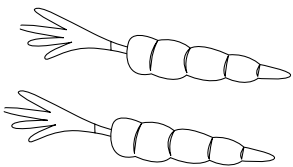


2 bugs

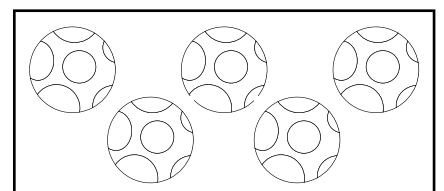
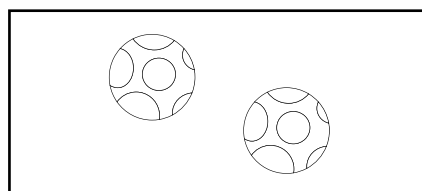
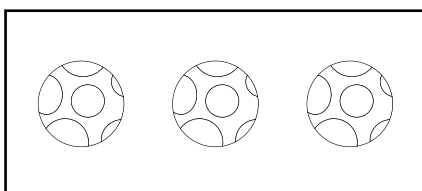


3 hats

6 How many?

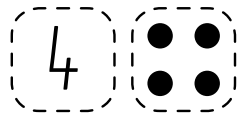


7 Which picture has 3? Color them.

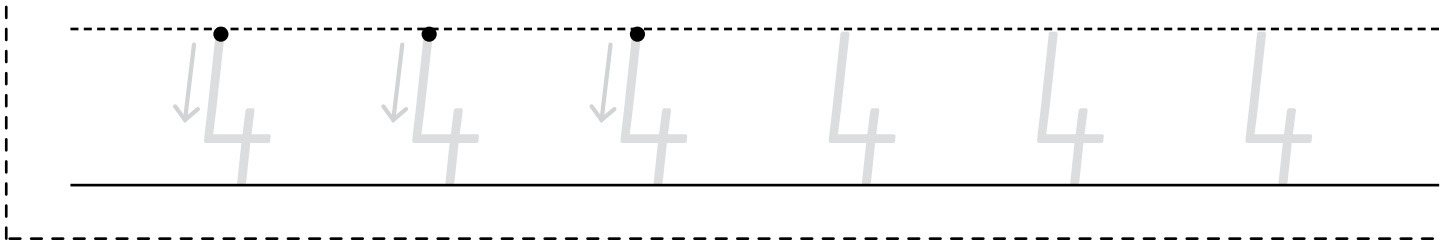




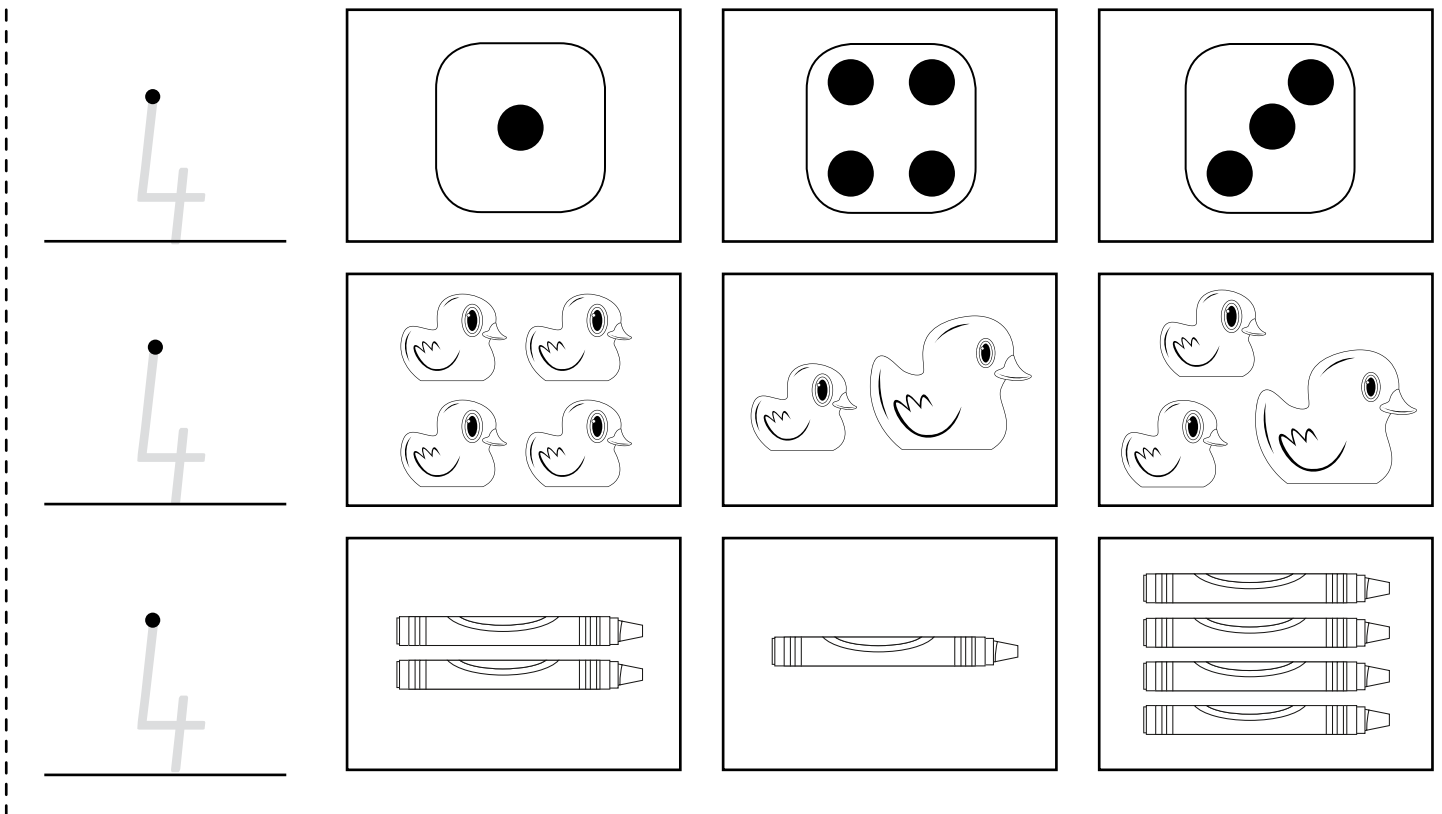
# Number 4 • four



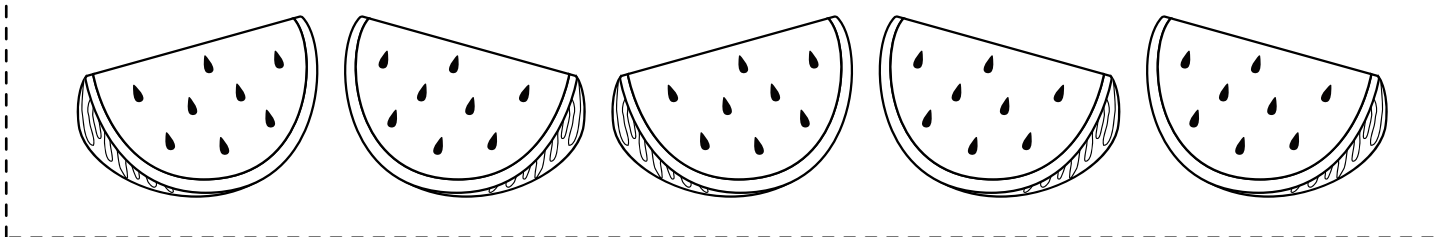
1 Write the number 4.



2 Which box has 4 things? Color it.



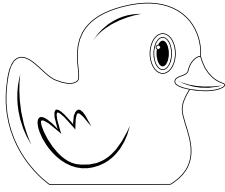
3 Color four.

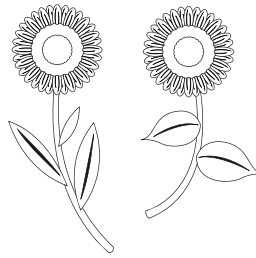


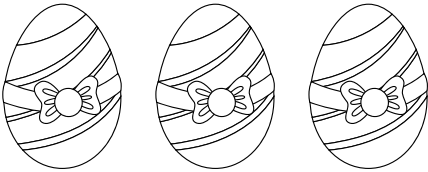
4 Draw 4 more hats.

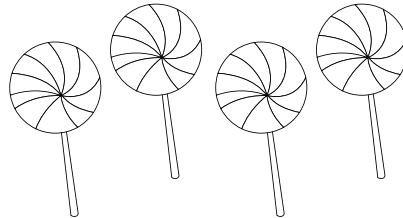


## 5 How many?

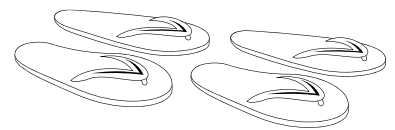
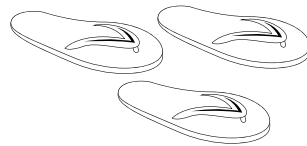
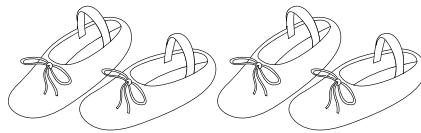









## 6 Circle four in each row.



## 7 Draw.

1 more



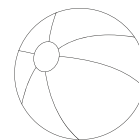
How many  
now?

2 more



How many  
now?

3 more

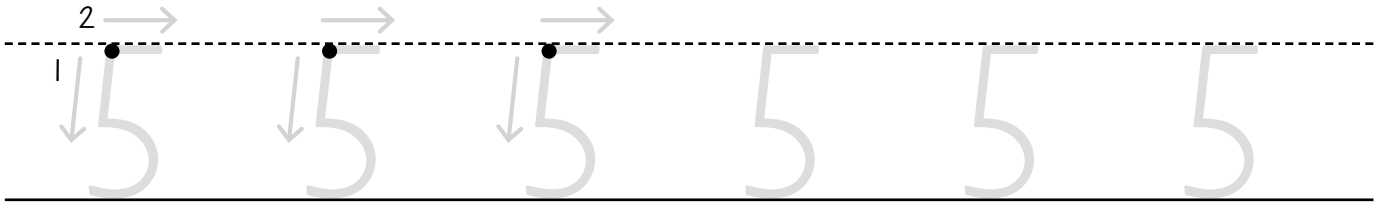


How many  
now?

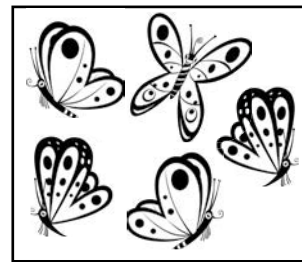
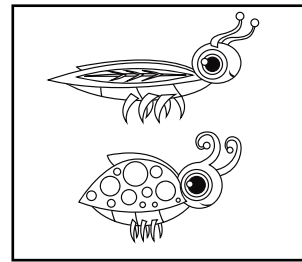
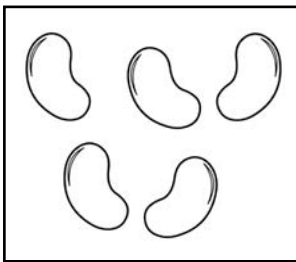
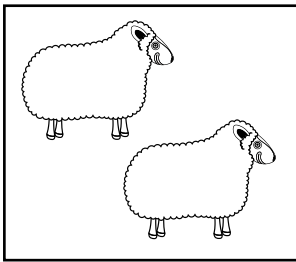
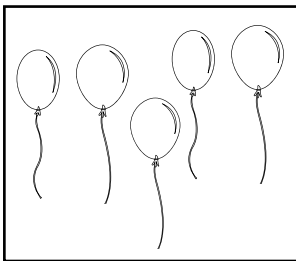
# Number 5 • five



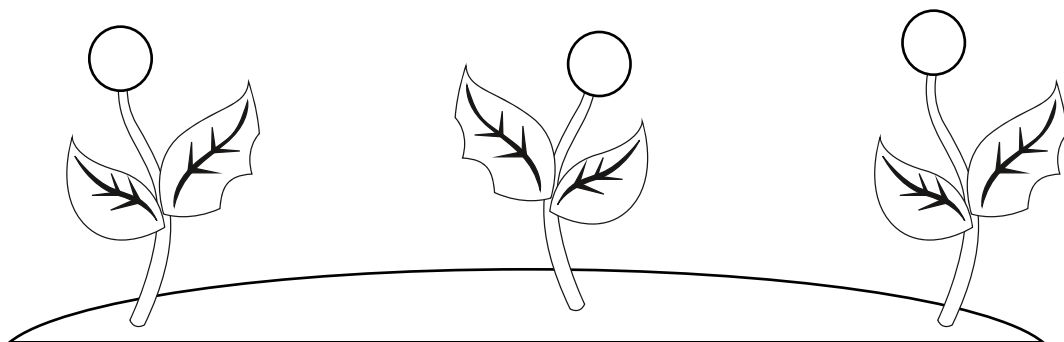
1 Write the number 5.



2 How many? Join Doc to the pictures that have 5.



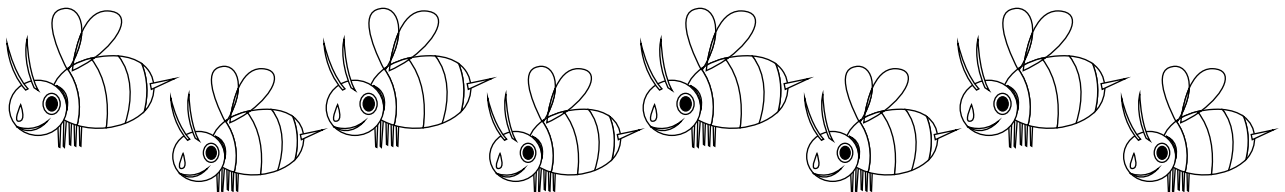
3 Put 5 petals on each flower.



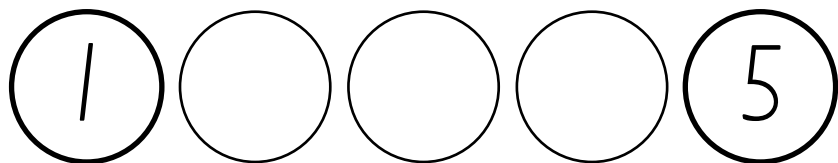
4 Which box has 5 things? Color it.

5			
5			
5			

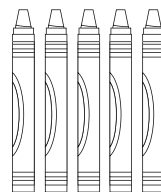
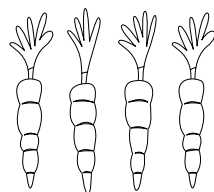
5 Color 5 bees.



6 Count to 5.



7 Match each picture to a number.

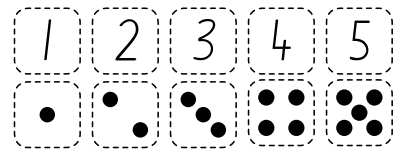


3

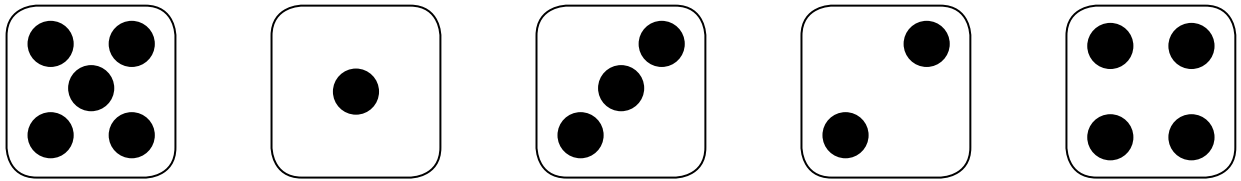
4

5



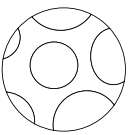
# Numbers 1 to 5



1 Trace and match.



2 Draw the matching number of pictures.

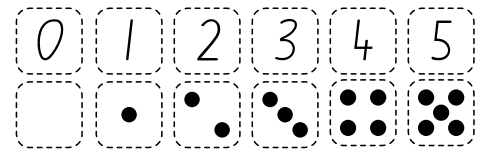
4 	
2 	
5 	

3 Write the missing numbers.

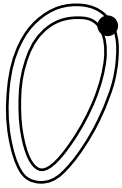




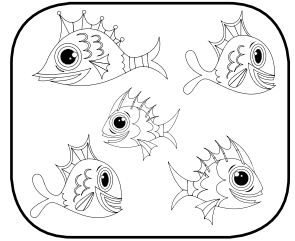
# Numbers 0 to 5



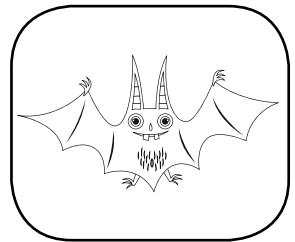
Trace and match.



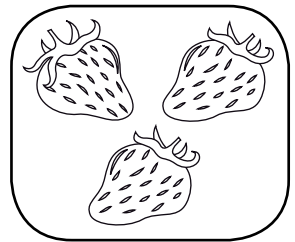
zero



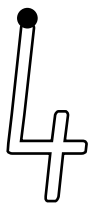
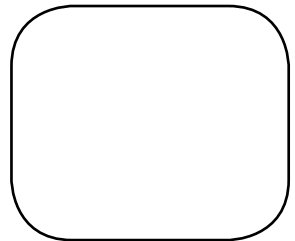
one



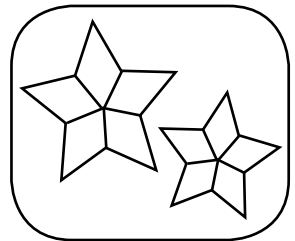
two



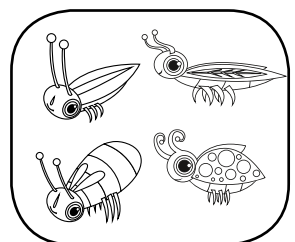
three



four



five

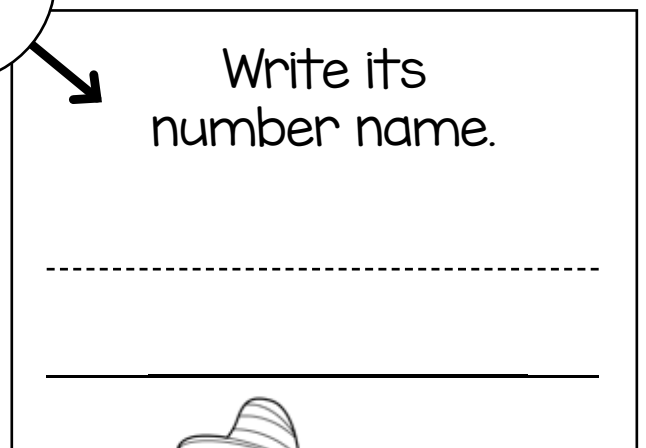
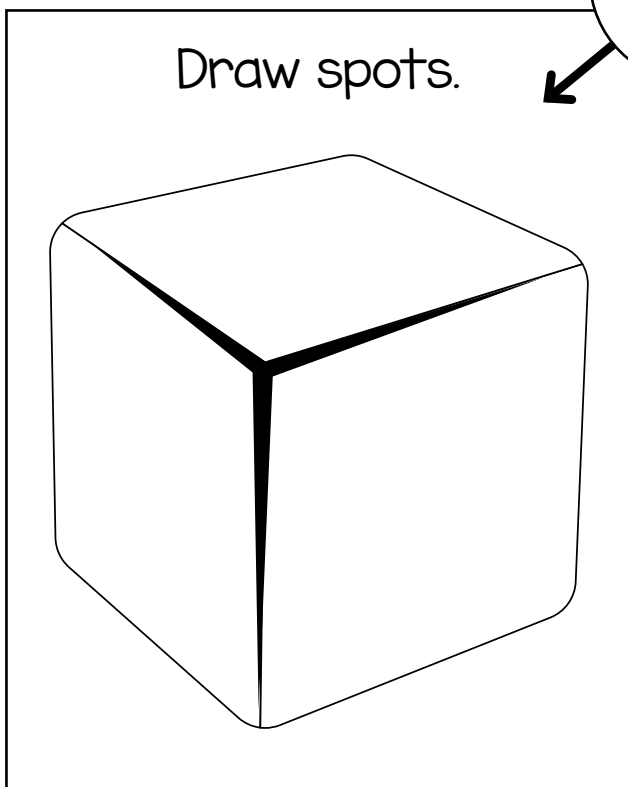
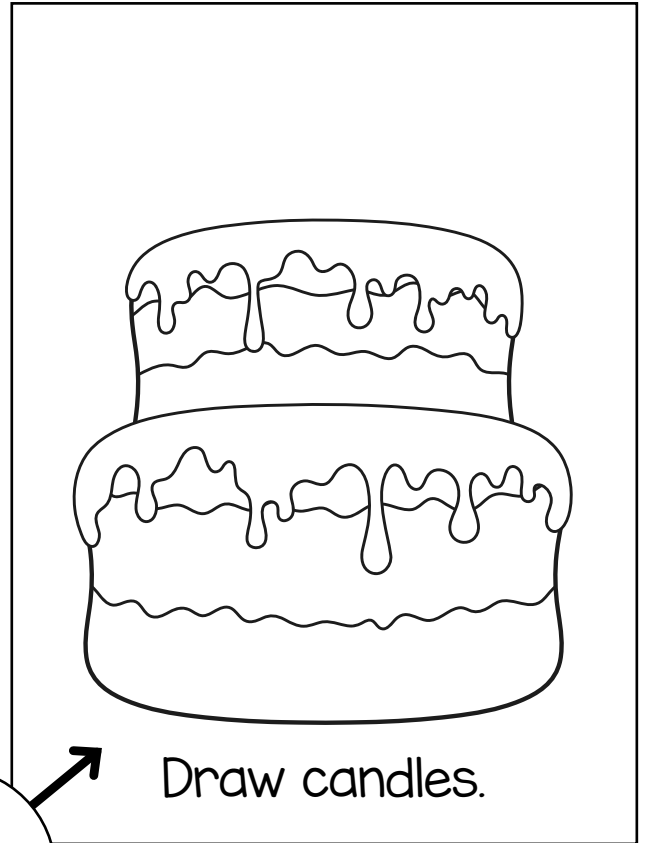
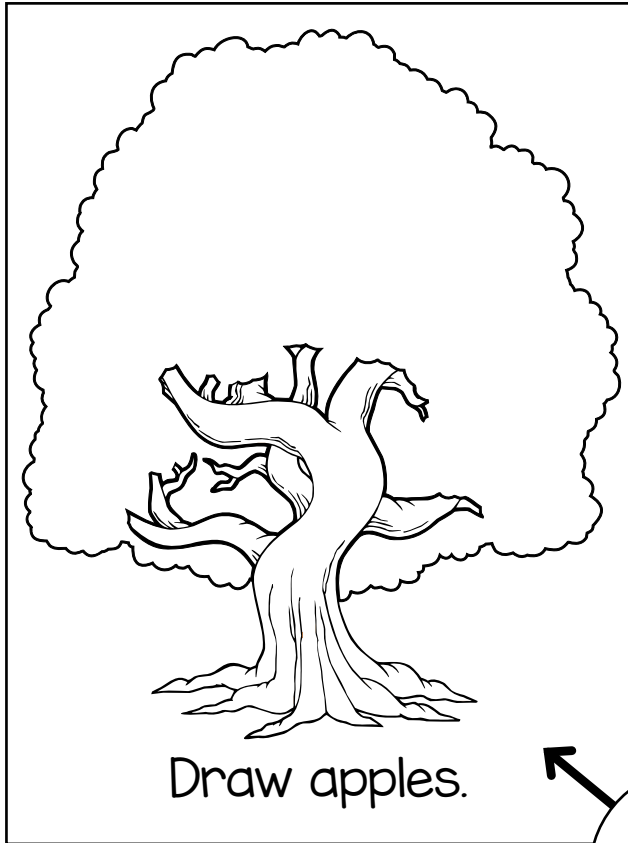


# Numbers 1 to 5 • My number

Investigate

1 Choose a number between 1 and 5. Write it in the circle.







2 Use your number each time.



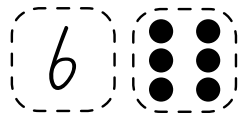
# Line-up

Game 0-5

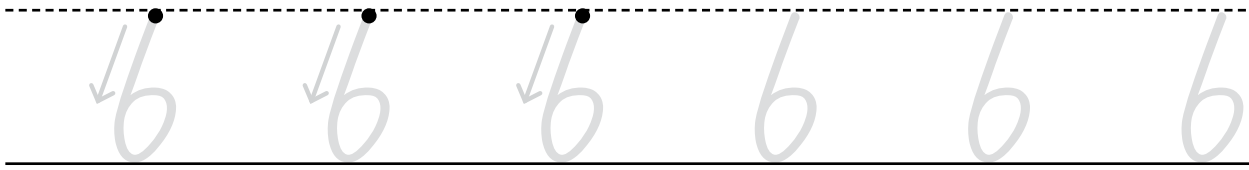
You will need a die , counters  and a partner .

 <b>START</b>  	3	1	5	2
  <b>END</b> 	<h3>HOW TO PLAY</h3> <ol style="list-style-type: none"> <li>1 On your die, cover number 6 with a sticker with 0 on it.</li> <li>2 Take it in turns. Roll the die and move around the board.</li> <li>3 The number on each square tells you how many counters to pick up.</li> <li>4 The game ends when one of the players reaches the 'End' square.</li> <li>5 Both players line up their counters in 2 rows. The winner is the player with the most counters.</li> </ol>			0
3				1
2				5
0				3
5	2	3	1	0

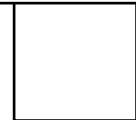
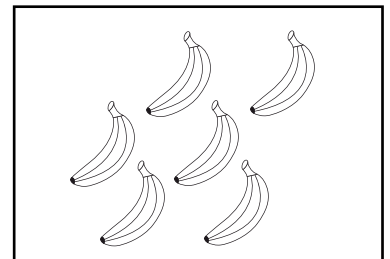
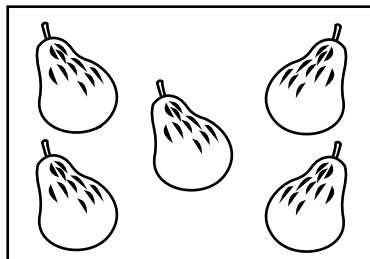
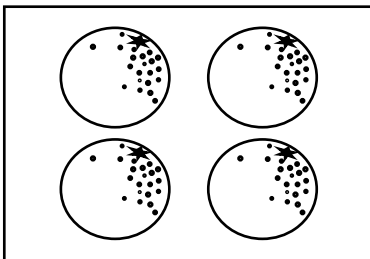
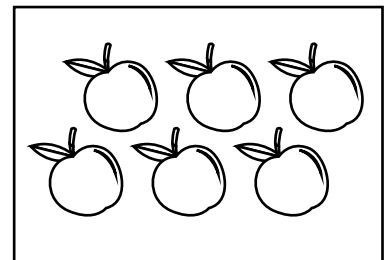
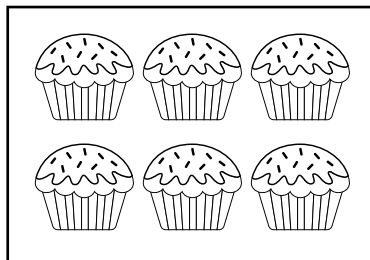
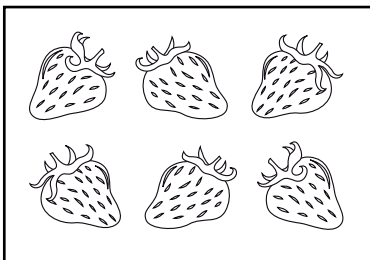
# Number 6 • six



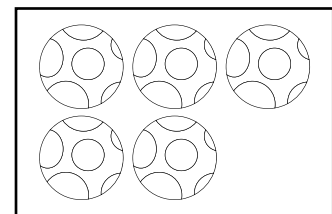
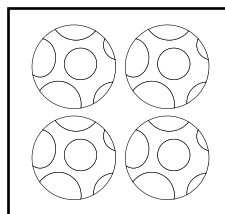
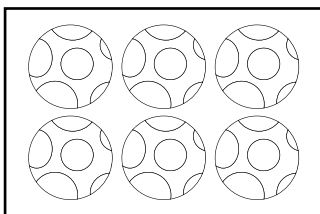
1 Write the number 6.



2 How many? Color the pictures that have 6.



3 Match each picture to a number.



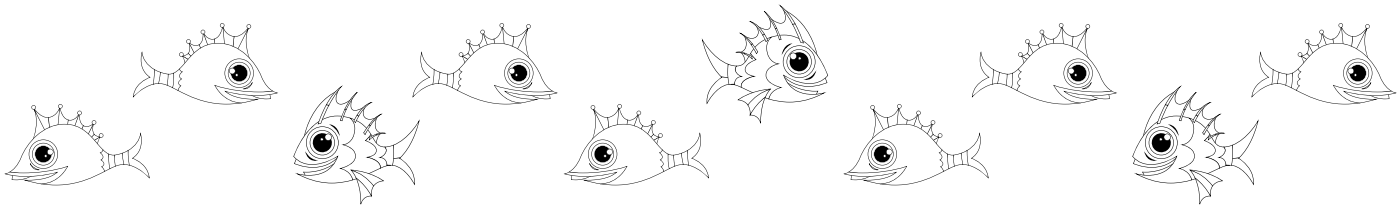
4

5

6

Color the most blue. Color the least yellow.

4 Cross **X** out 6 fish.



5 Which boxes have 6 things? Color them.

6			
6			
6			
6			

6 Draw a dot pattern for each number.

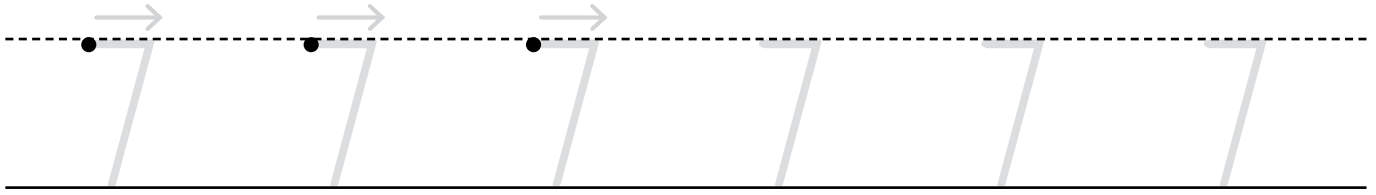
1	2	3	4	5	6



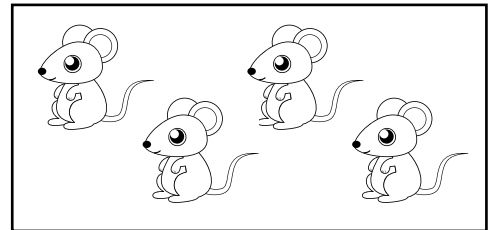
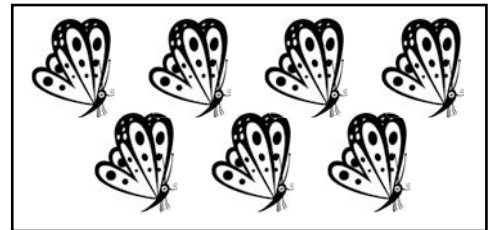
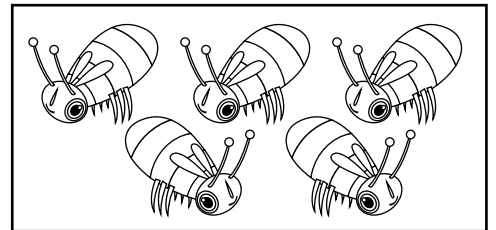
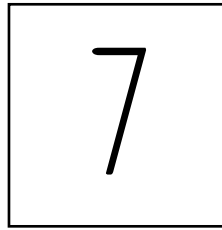
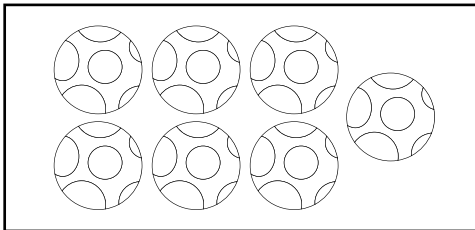
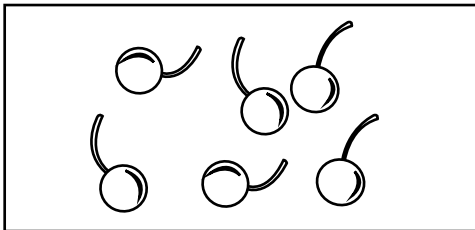
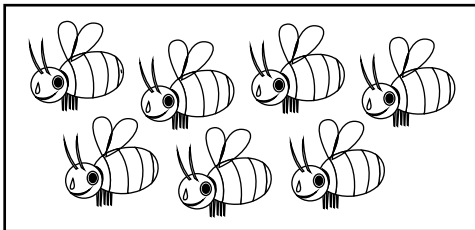
# Number 7 • seven



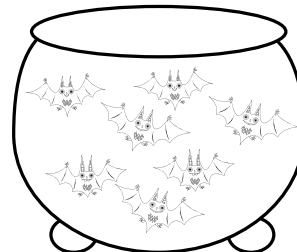
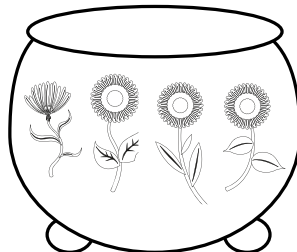
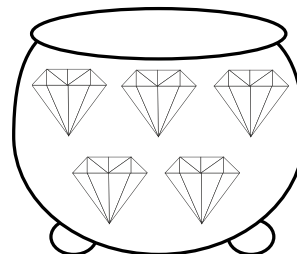
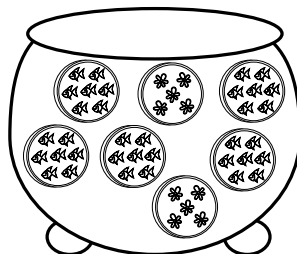
1 Write the number 7.



2 Which pictures have 7? Match.



3 Color the pots that have 7.



4 Which boxes have 7 things? Color them.

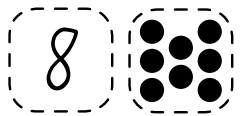
7			
7			
7			

5 Circle 7 in each row.

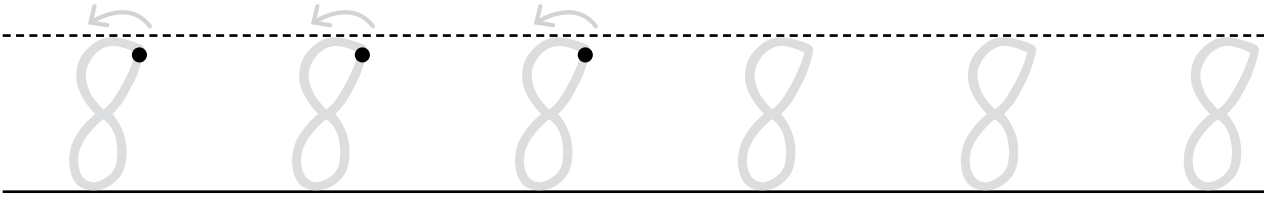

6 Draw

<u>5</u> ● <div style="border: 1px solid black; width: 150px; height: 100px; display: flex; align-items: center; justify-content: center;"> </div>	<u>6</u> ■ <div style="border: 1px solid black; width: 150px; height: 100px; display: flex; align-items: center; justify-content: center;"> </div>	<u>7</u> ▲ <div style="border: 1px solid black; width: 150px; height: 100px; display: flex; align-items: center; justify-content: center;"> </div>
--	--	--

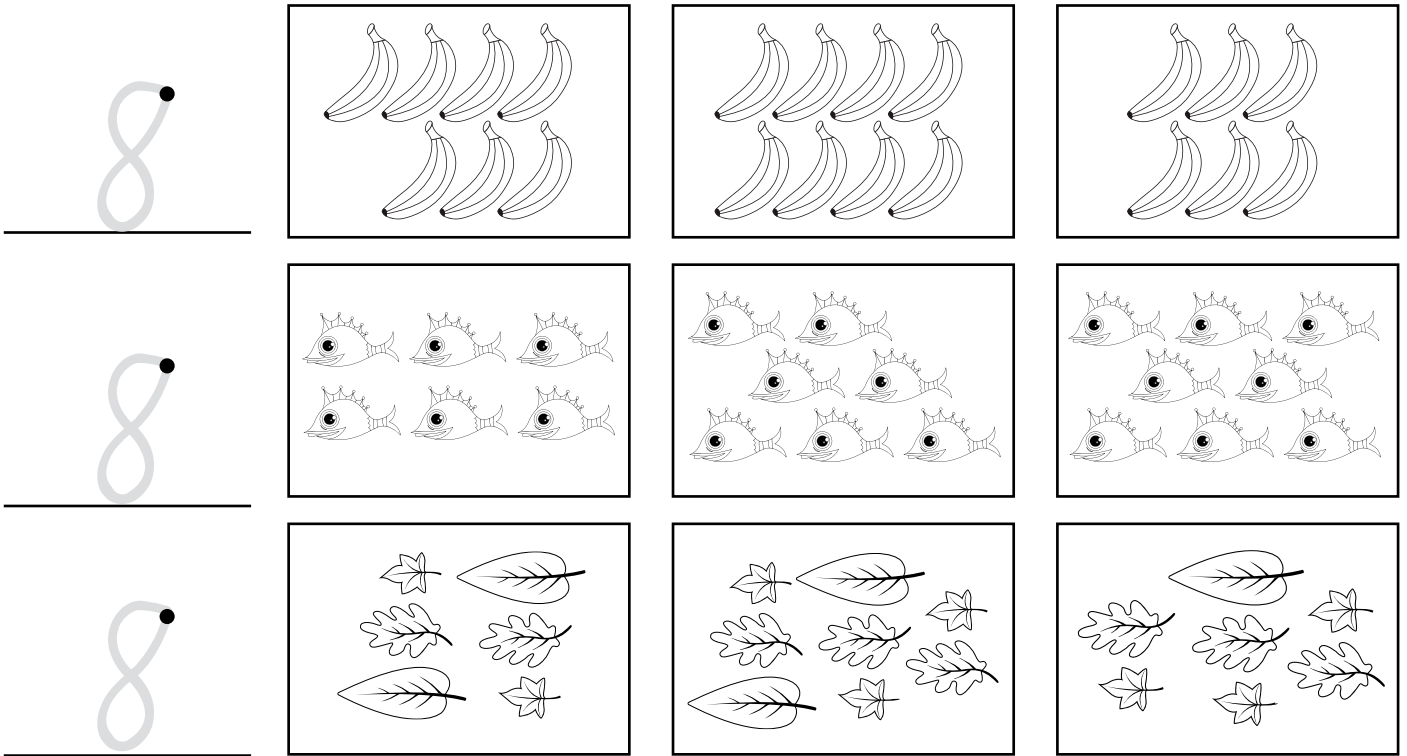
# Number 8 • eight



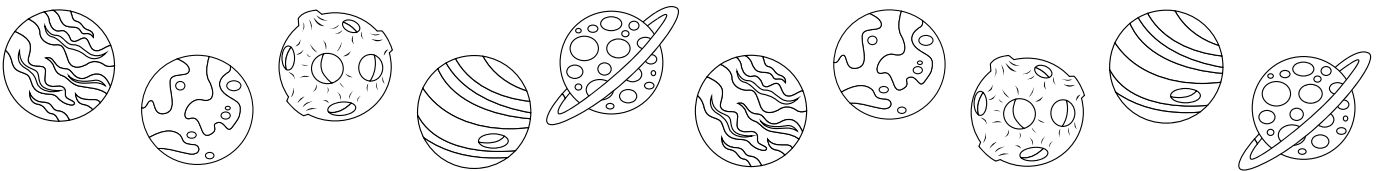
1 Write the number 8.



2 Which box has 8 things? Color it.



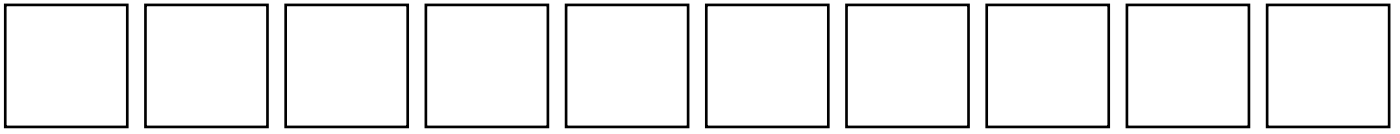
3 Circle eight planets.



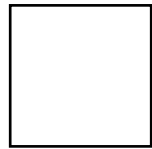
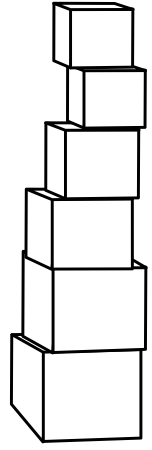
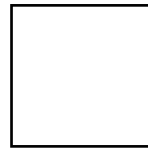
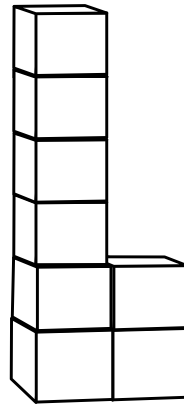
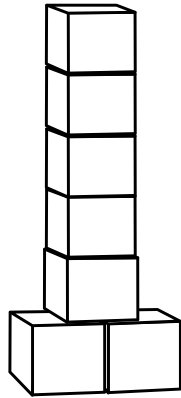
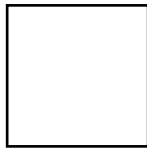
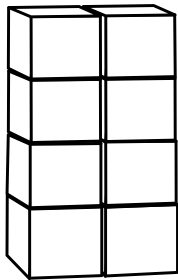
4 Write the missing numbers.

1		3	4		6	7	
---	--	---	---	--	---	---	--

5 Color eight squares.

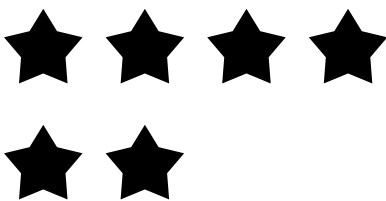


6 How many? Color the towers with 8 blocks.



7 Draw

2 more.



How many?



3 more.



How many?



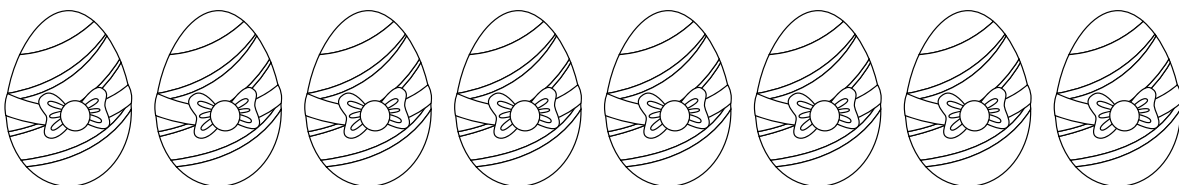
4 more.



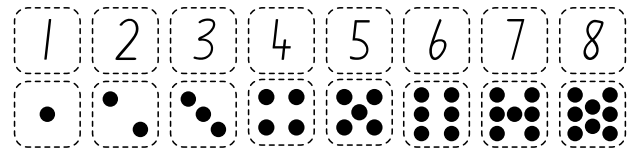
How many?



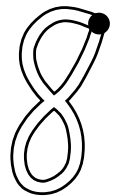
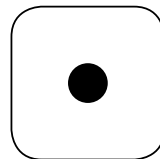
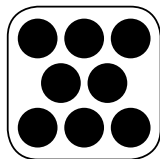
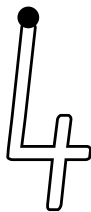
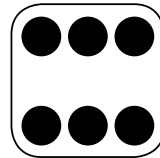
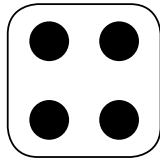
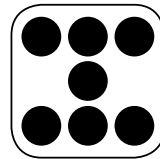
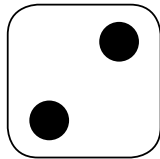
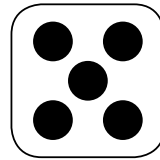
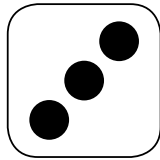
8 How many?



# Numbers 1 to 8



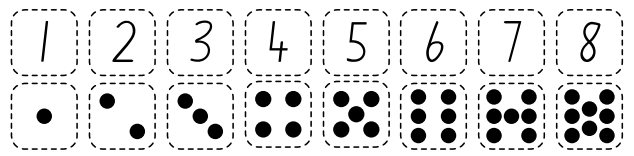
1 Trace and match.



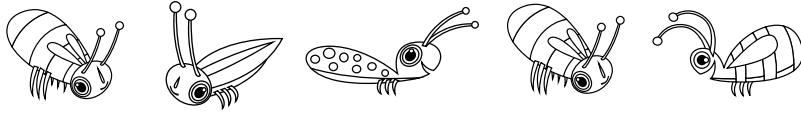
2 Continue counting.

1	2	3			
---	---	---	--	--	--

3	4				
---	---	--	--	--	--



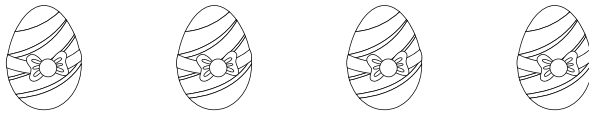
3 How many? **Circle** the correct number.



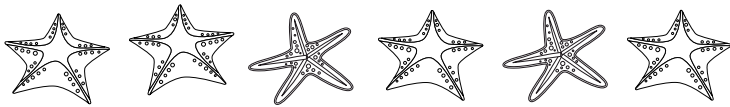
1 2 3 4 5 6 7 8



1 2 3 4 5 6 7 8



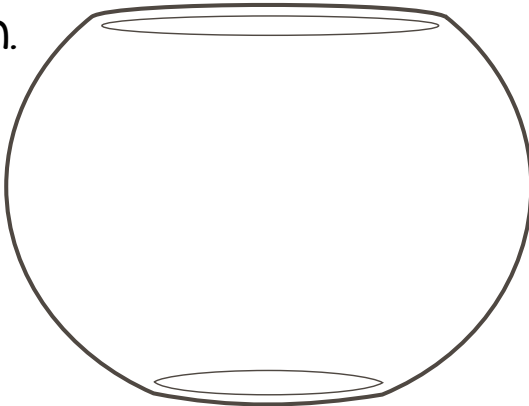
1 2 3 4 5 6 7 8



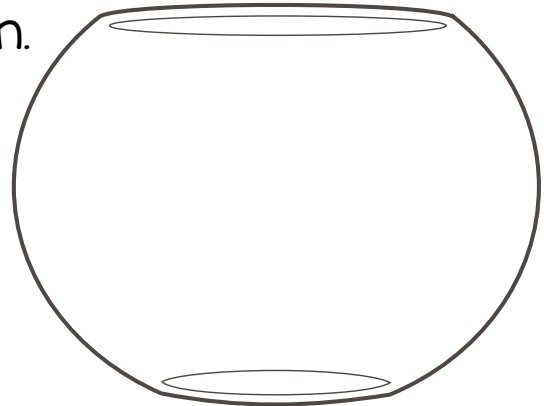
1 2 3 4 5 6 7 8

4 Draw

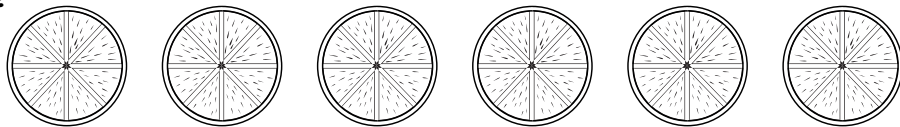
5 fish.

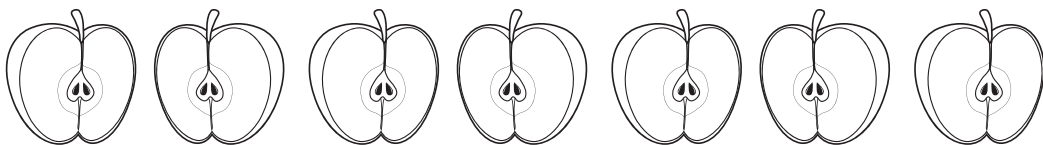


8 fish.



5 How many?



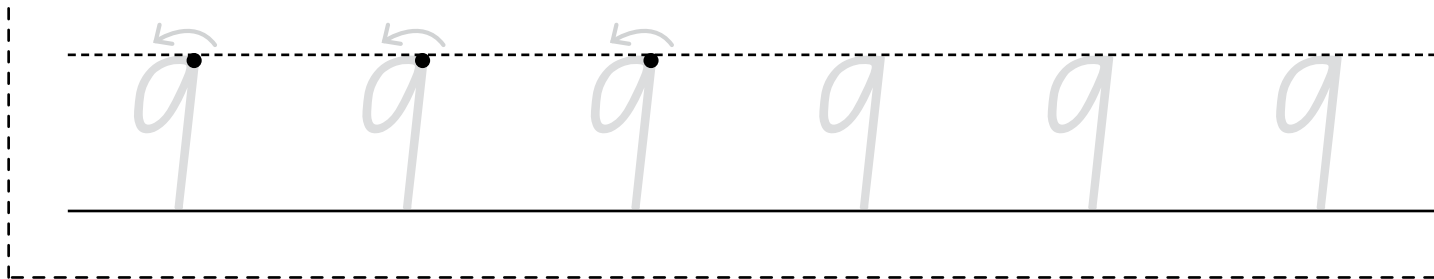



Which group has more?  or ?

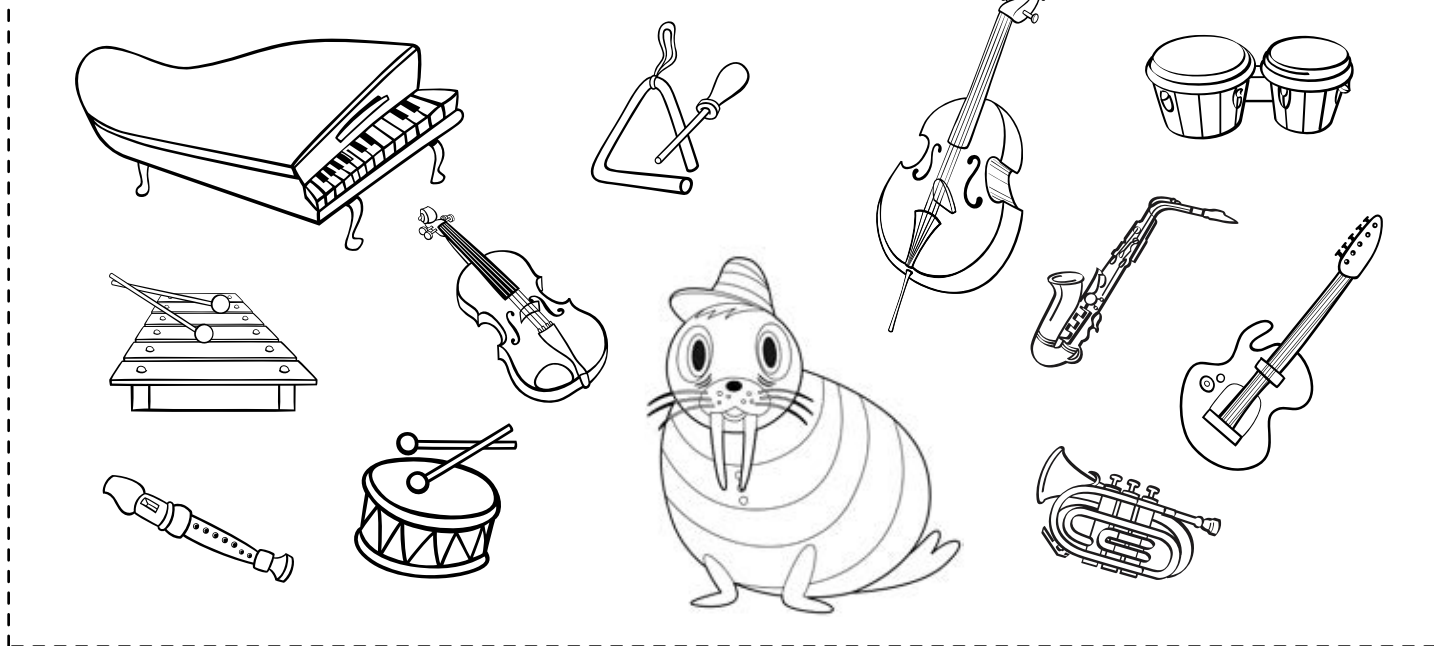
# Number 9 • nine



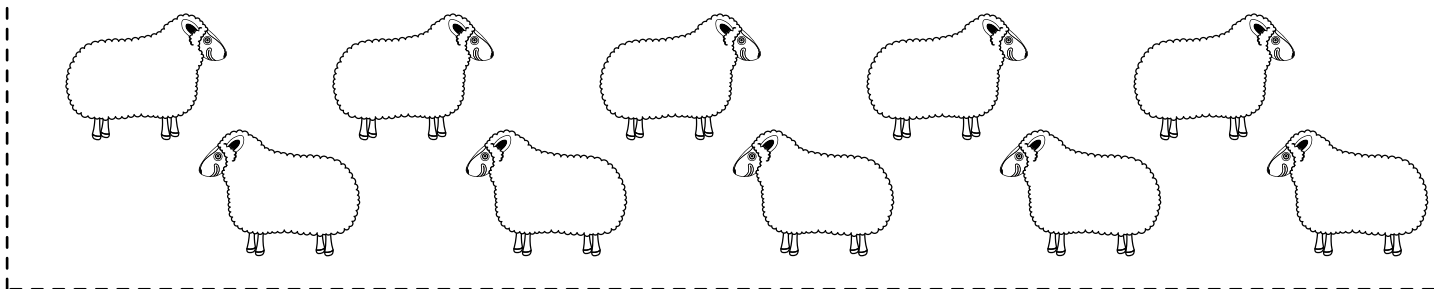
1 Write the number 9.



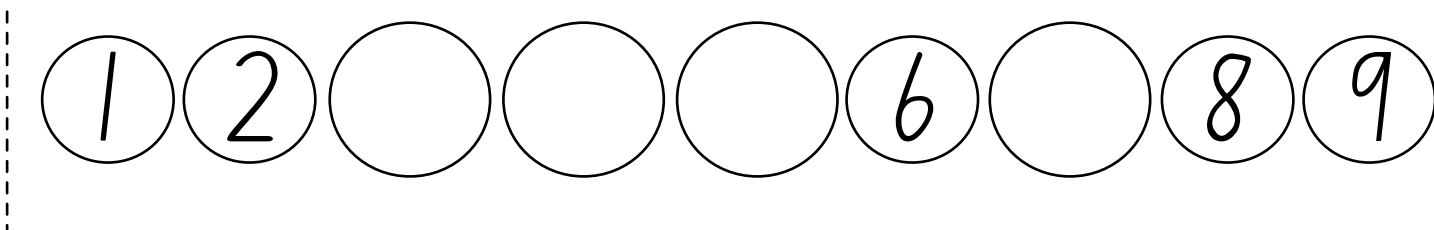
2 Join Waldo to 9 instruments.



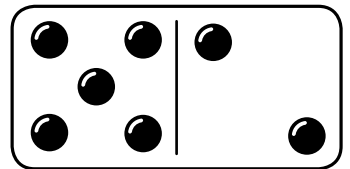
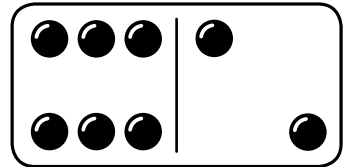
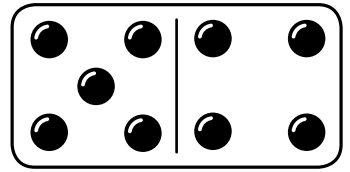
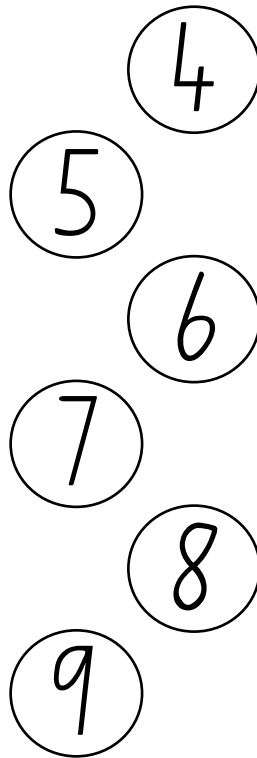
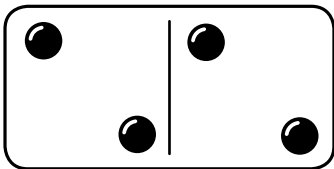
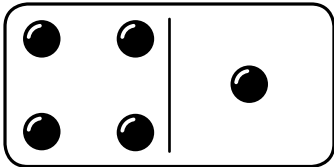
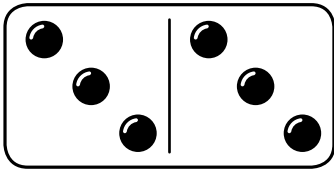
3 Circle 9 sheep.



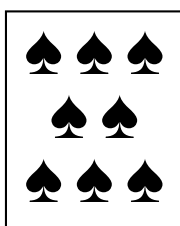
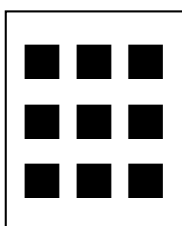
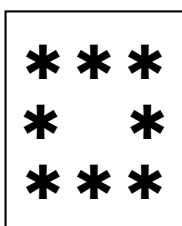
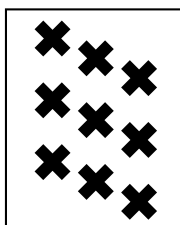
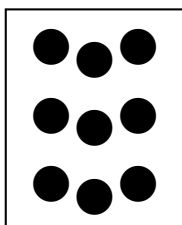
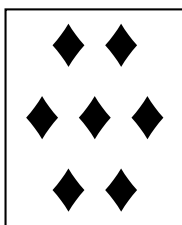
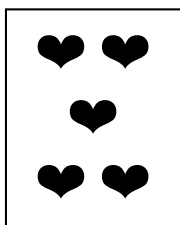
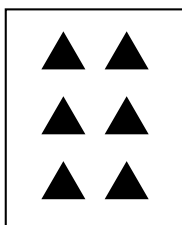
4 Write the missing numbers.



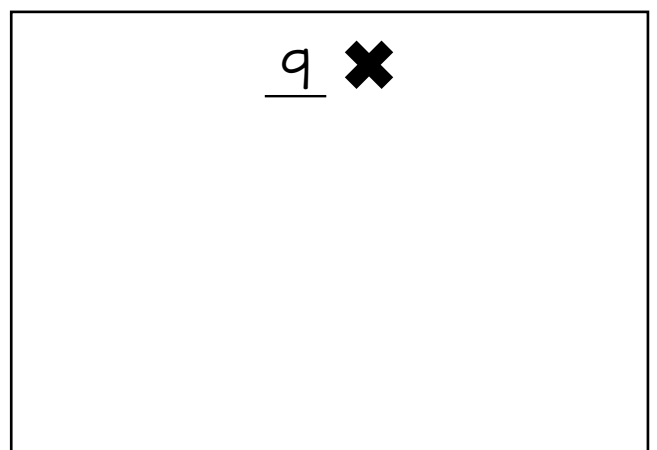
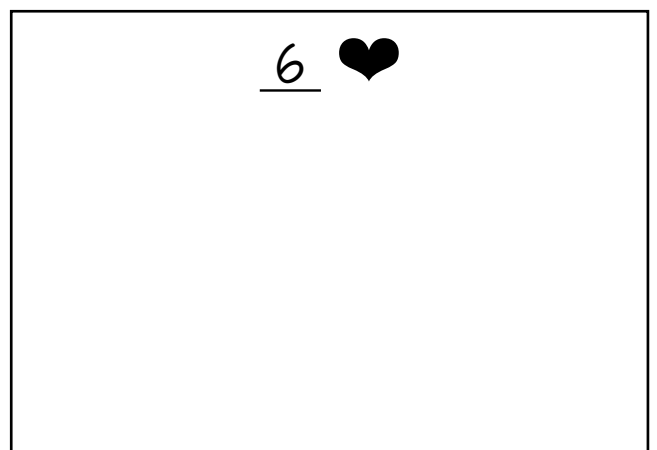
## 5 Count the dots. Match.



## 6 Circle the cards that show 9.

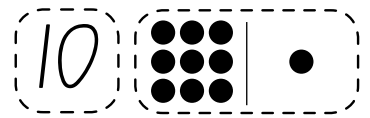


## 7 Draw





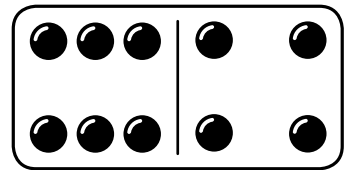
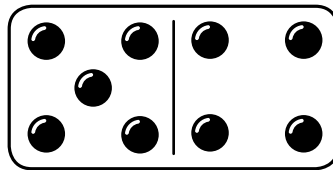
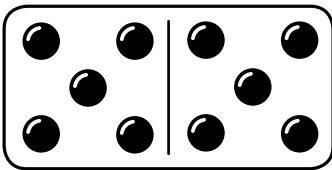
# Number 10 • ten




1 Write the number 10.

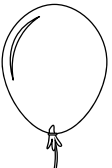


2 How many? Circle the dominoes that have 10.



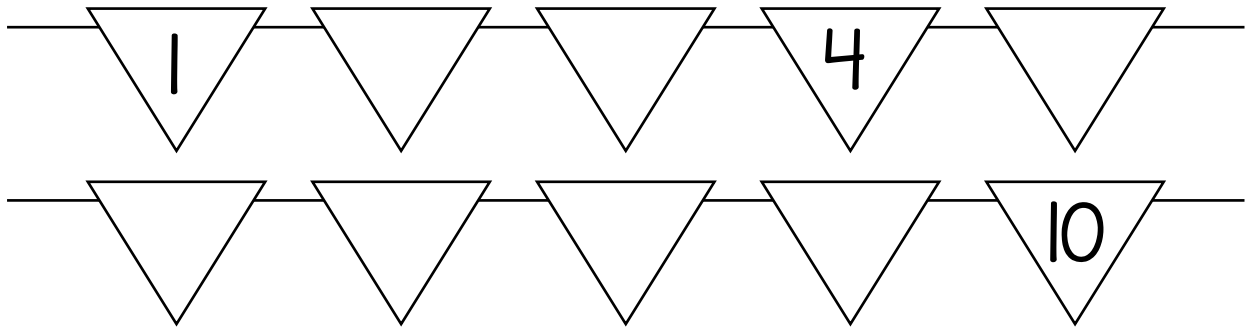
3 Draw the correct number of things.

6 	
---	--

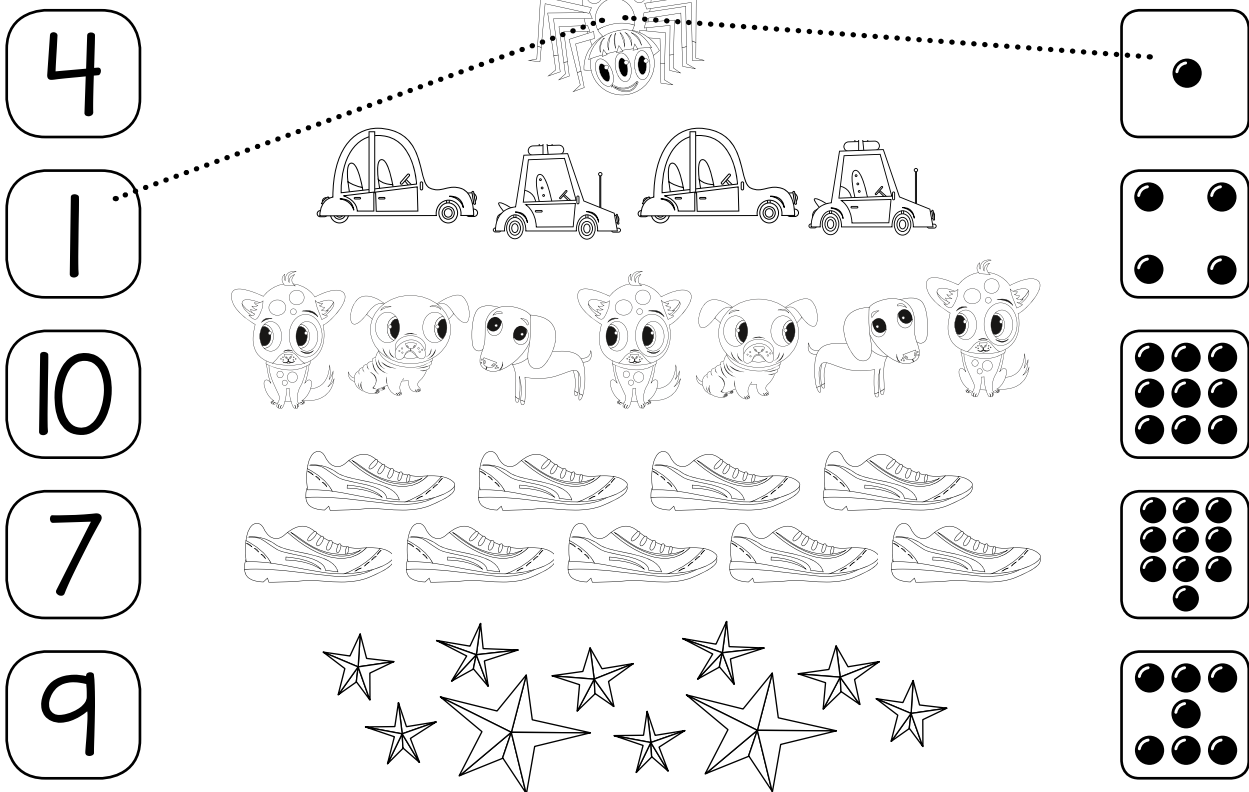
8 	
---	--

10 	
--	--

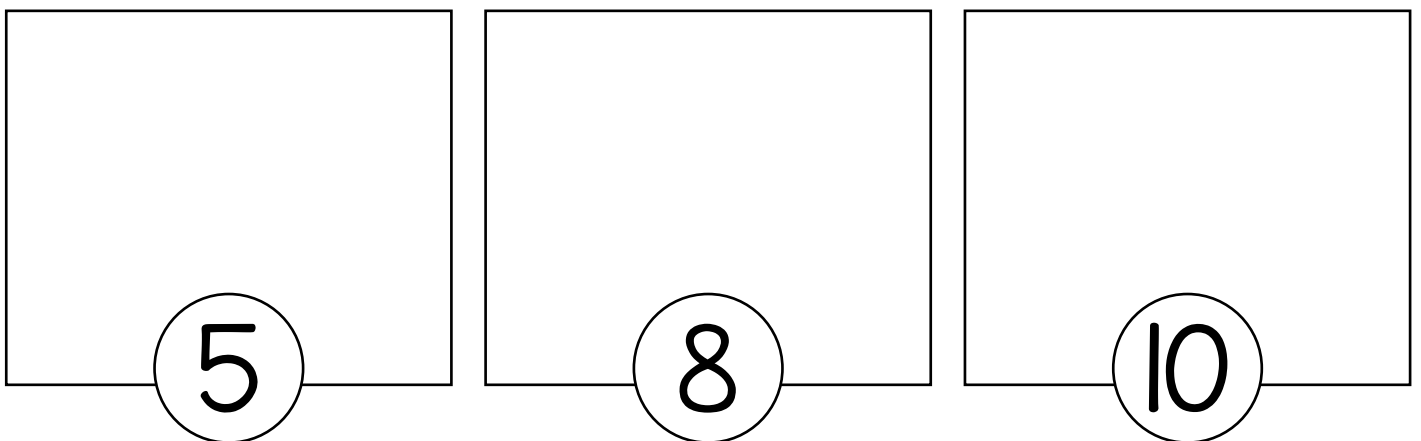
4 Fill in the missing numbers.



5 Match and color.

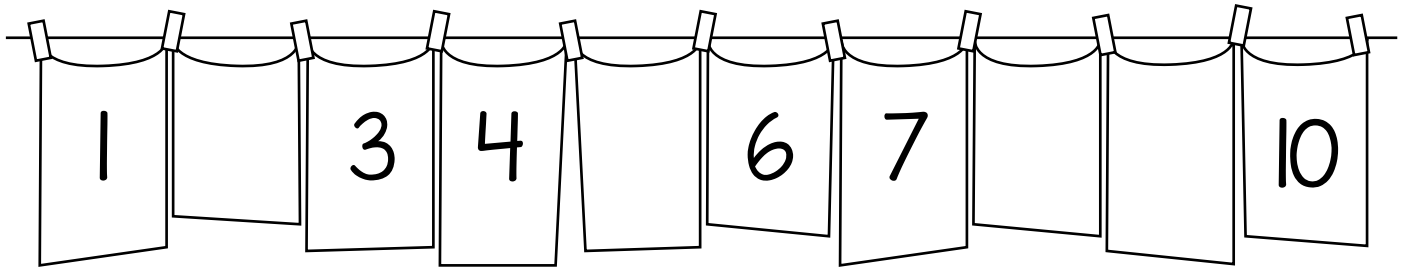


6 Draw dots.

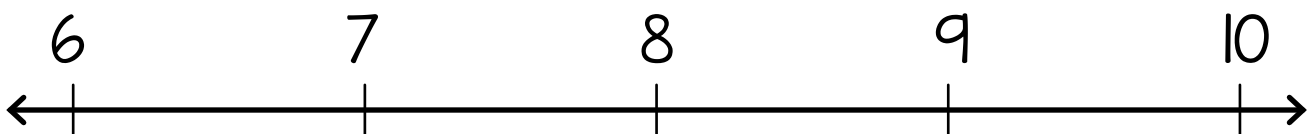
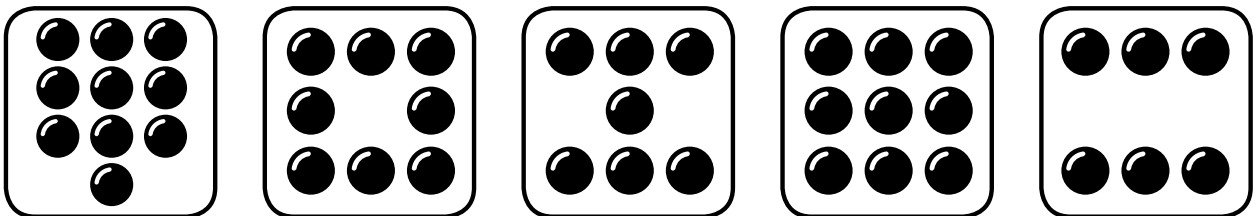
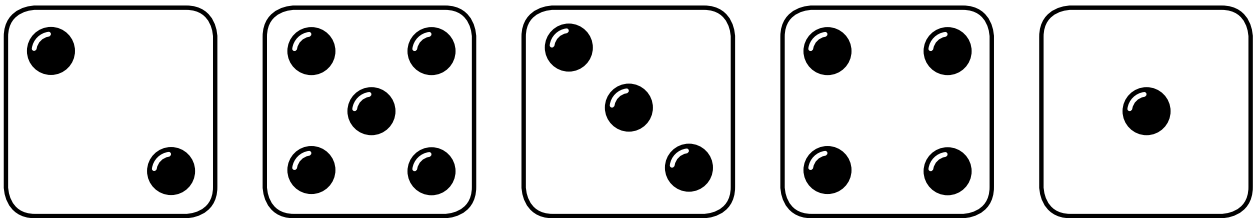


# Numbers to 10

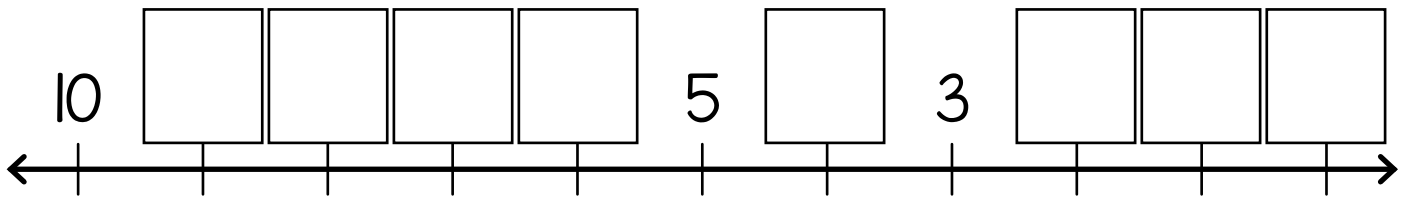
1 Complete the number line.



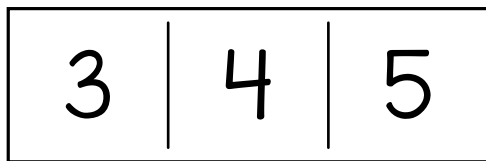
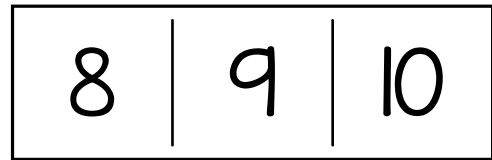
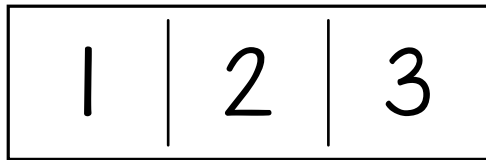
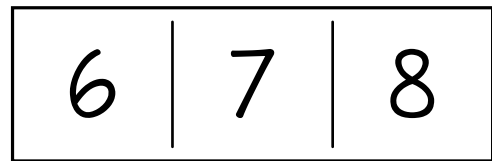
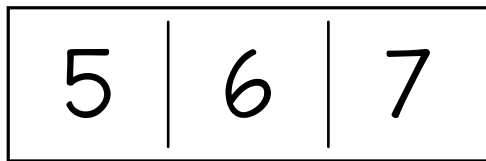
2 Count the dots. Join to the number line.



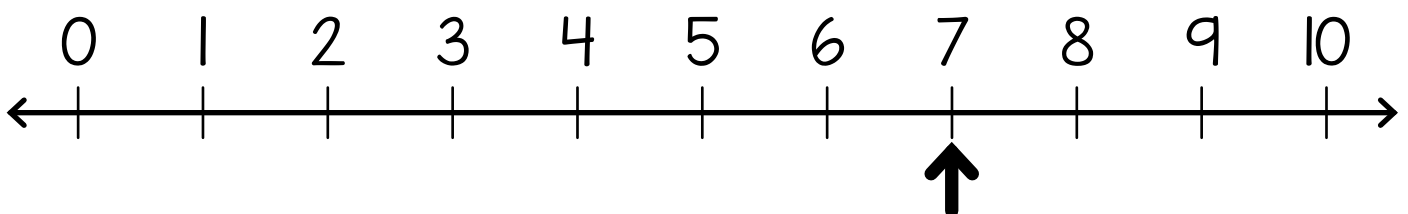
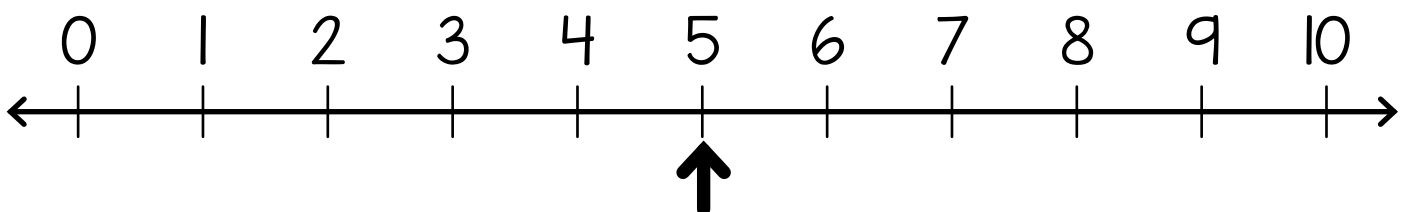
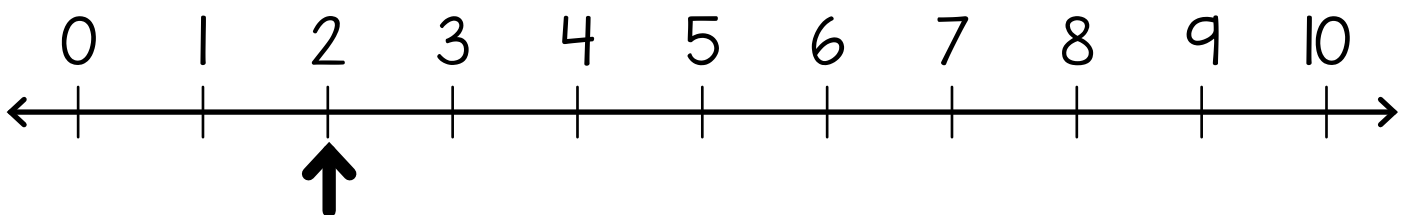
3 Complete the number line.



4 Join the pieces together.

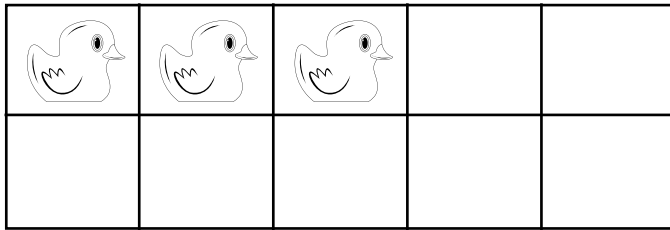


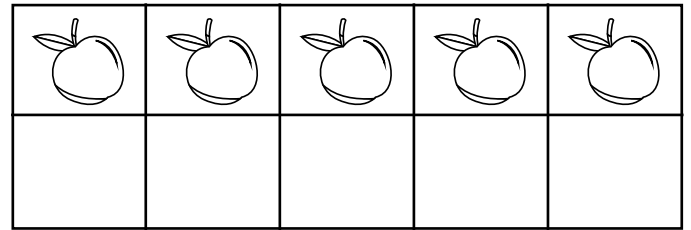
5 Count forward 3 places. Circle the number.

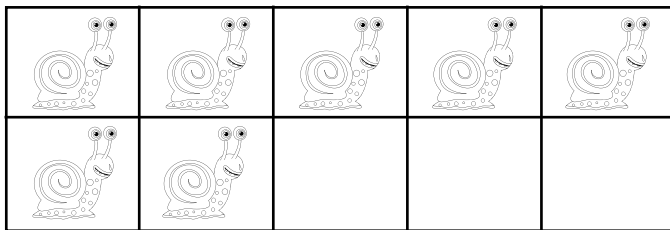


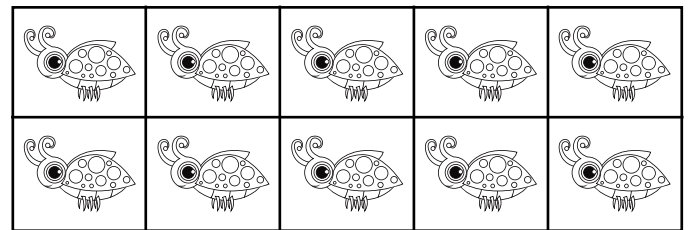
# Counting to ten

I How many?

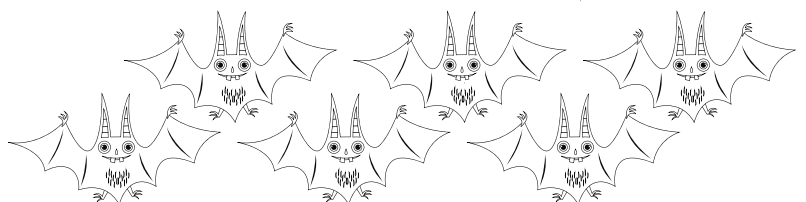
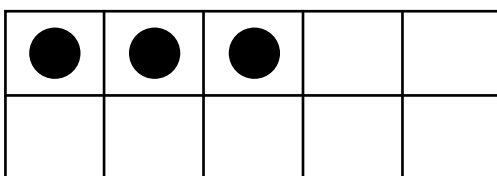
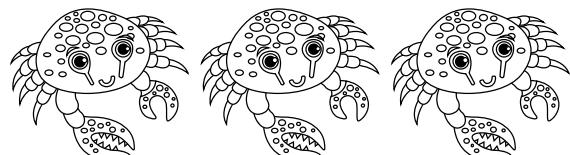
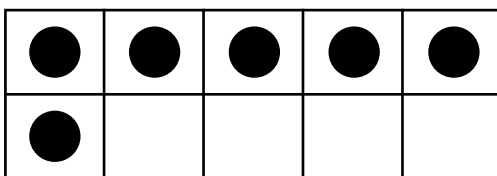
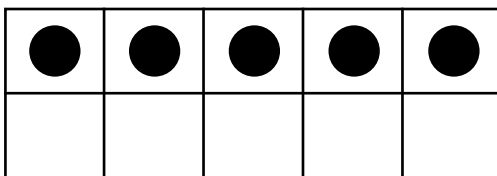
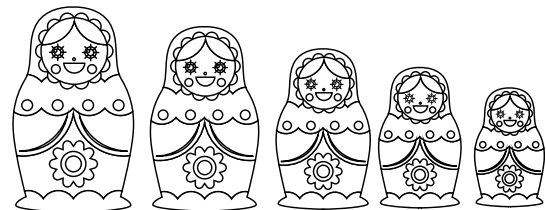
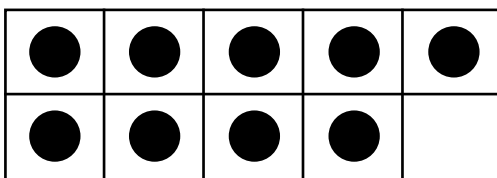




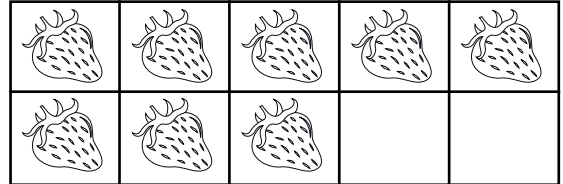
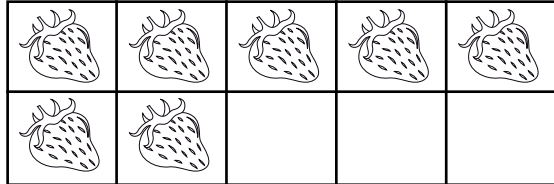
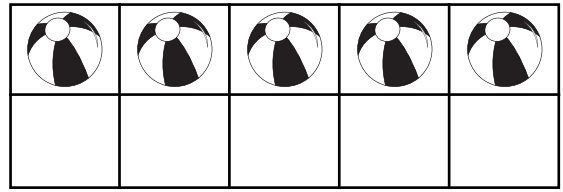
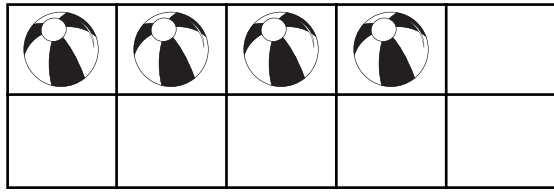





2 Draw lines to match.

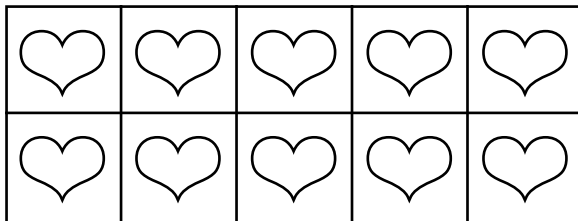


3 Circle the bigger number in each pair.

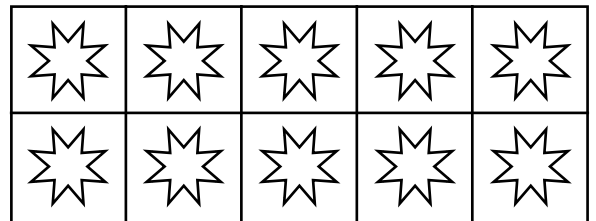


4 Color.

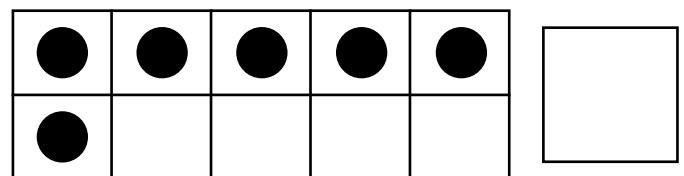
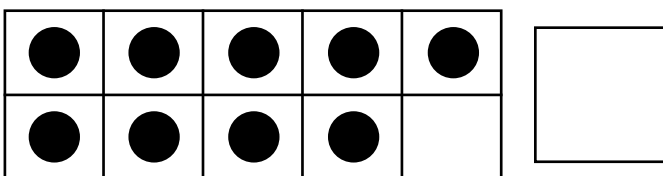
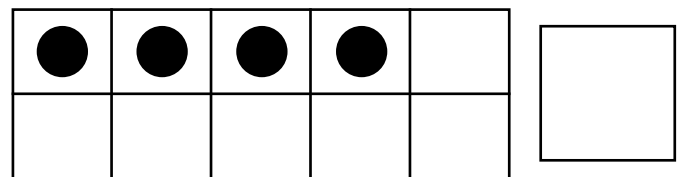
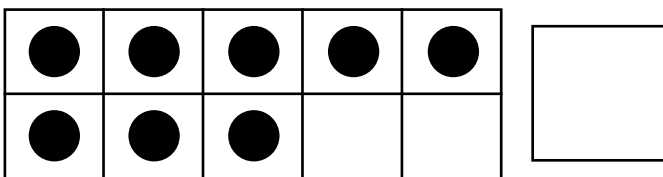
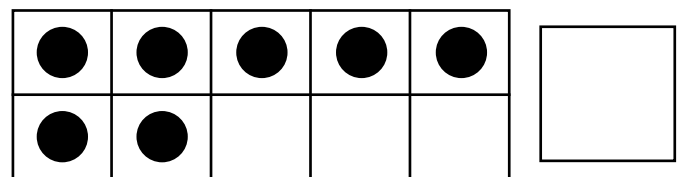
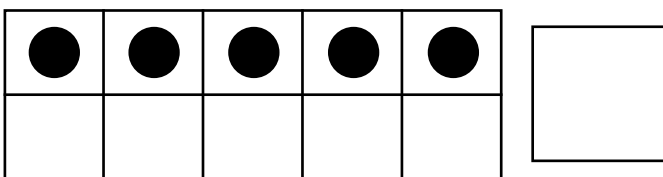
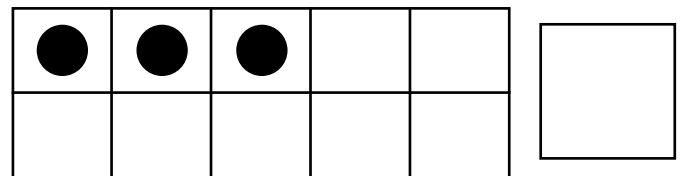
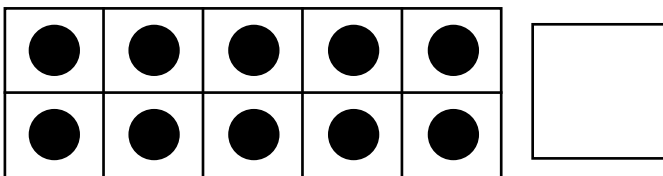
6



9



5 How many?

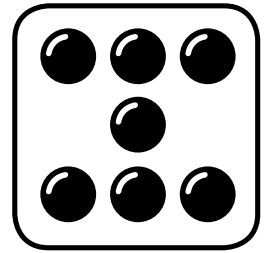


# Number names six to ten

Trace and match.

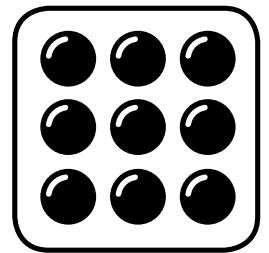
6

six



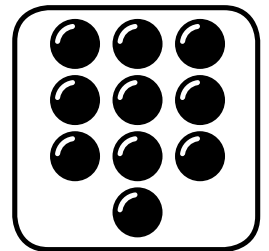
7

seven



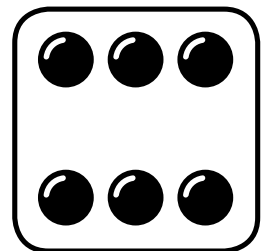
8

eight



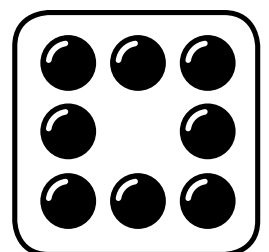
9

nine



10

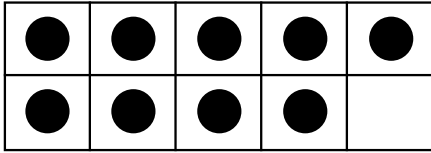
ten



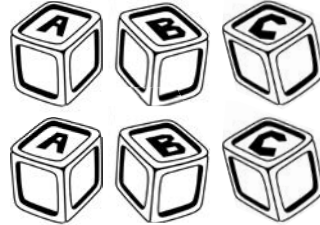
# Pick a number

1 Pick a number between 6 and 10. Write it.

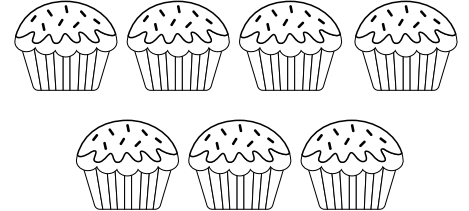
2 Is this your number? **Circle** yes or no.



yes    no



yes    no



yes    no

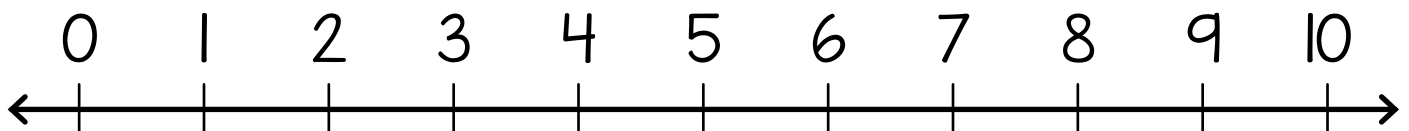
3 Draw your number in 3 ways.

4 Write your number word.

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5 Circle your number.














# Bingo!

Game

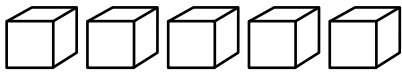
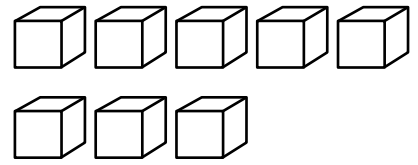
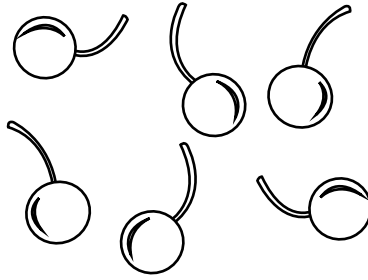
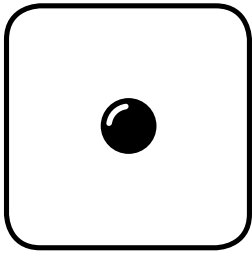
You will need scissors  and a partner 😊.

- 1 Cut out the bingo cards.
- 2 Fill in your bingo card. Write one number in each panel.
- 3 Put your cards face down in a pile. Take turns to turn the top card over.
- 4 If it matches a number on your numbers, cross it out.
- 5 The first one to cross out all six numbers is the winner.  
BINGO!

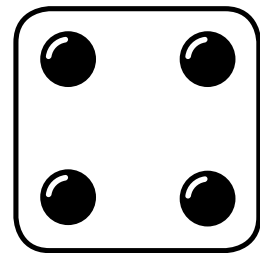
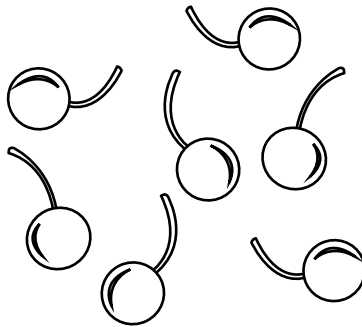
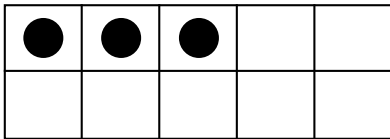
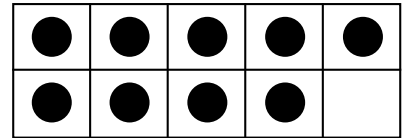
Write a number between 1 and 10 in each panel.

    My Bingo Card     


# Bingo Cards

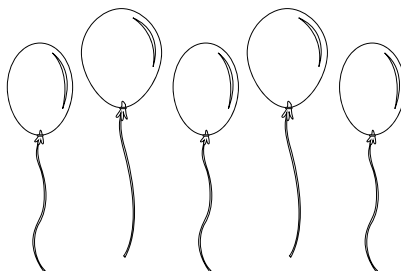
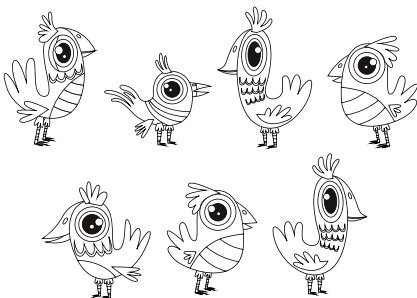
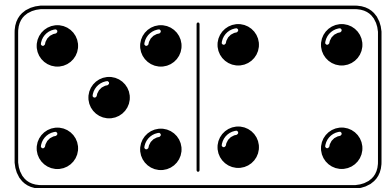


two



ten

eight



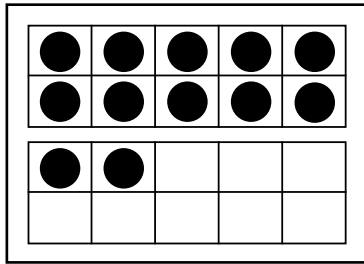
four

# Numbers 11 and 12 • eleven • twelve

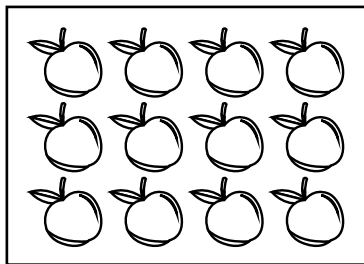
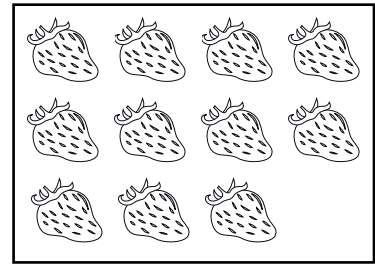
1 Write the numbers 11 and 12.

11 12 11 12 11 12

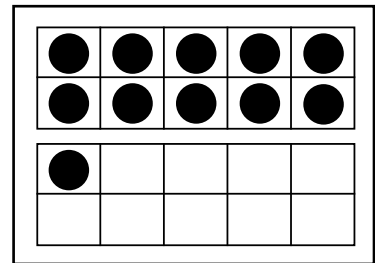
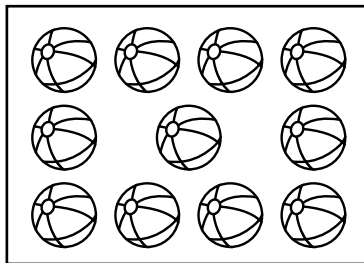
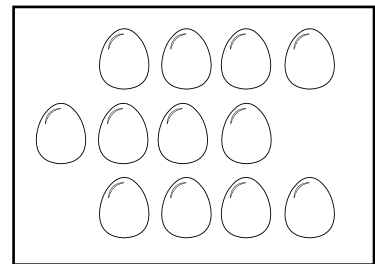
2 Match.



11



12

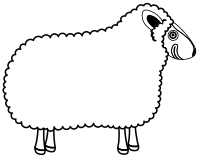


3 Complete each sum.

$$\begin{array}{c} \text{10 blocks} \\ \boxed{10} \end{array} + \begin{array}{c} \text{1 block} \\ \boxed{1} \end{array} = \boxed{\phantom{00}}$$

$$\begin{array}{c} \text{10 blocks} \\ \boxed{10} \end{array} + \begin{array}{c} \text{2 blocks} \\ \boxed{2} \end{array} = \boxed{\phantom{00}}$$

4 Draw 10 more sheep.



Complete.  $\boxed{1} + \boxed{10} = \boxed{\phantom{00}}$

5 Show each number in the ten frames. Complete the sums.

11



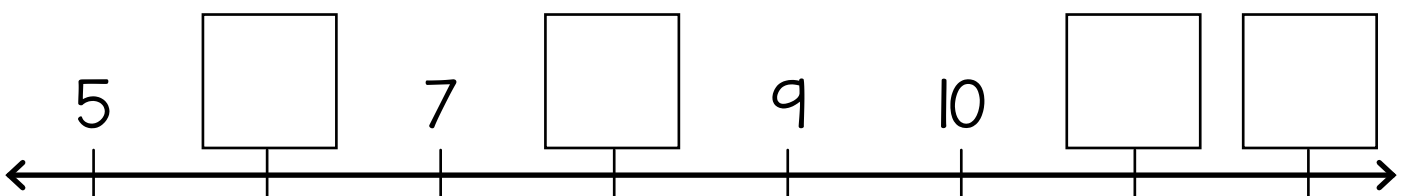
$$\boxed{10} + \boxed{\phantom{00}} = \boxed{11}$$

12



$$\boxed{10} + \boxed{\phantom{00}} = \boxed{12}$$

6 Complete the number line.

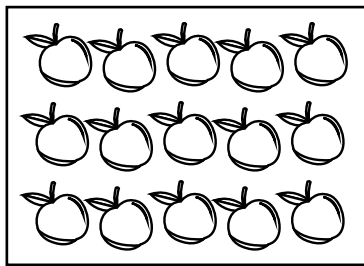


# Numbers 13, 14, 15 • thirteen • fourteen • fifteen

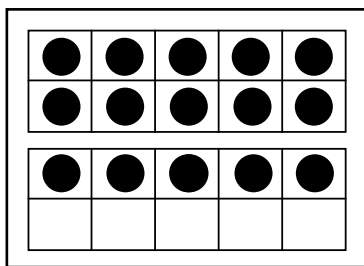
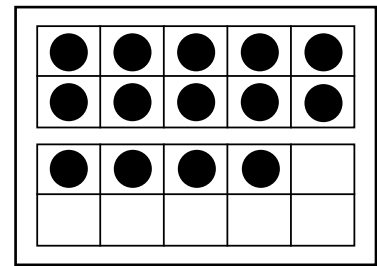
1 Write the numbers 13, 14 and 15.

13 14 15 13 14 15

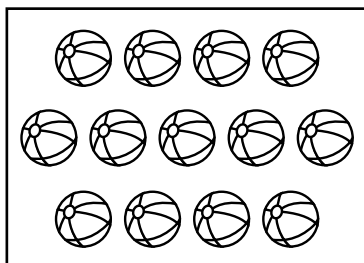
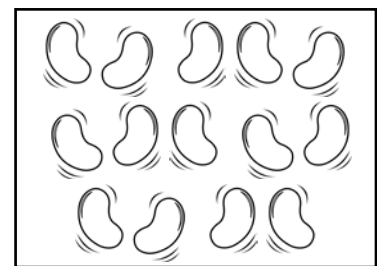
2 Match.



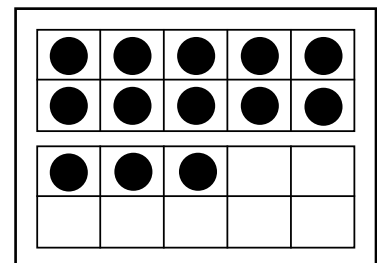
13



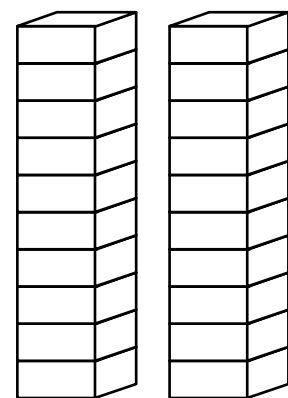
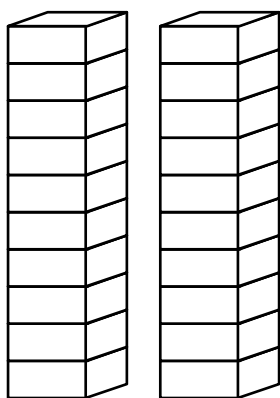
14



15



3 Color.

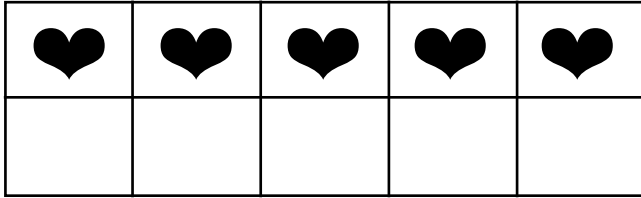


$$10 + \square = 13$$

$$10 + \square = 14$$

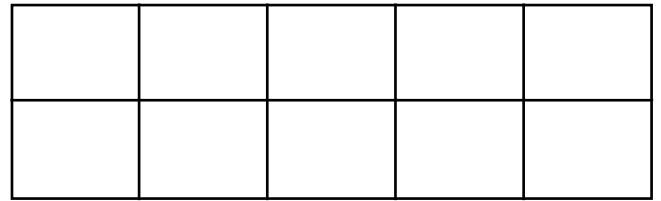
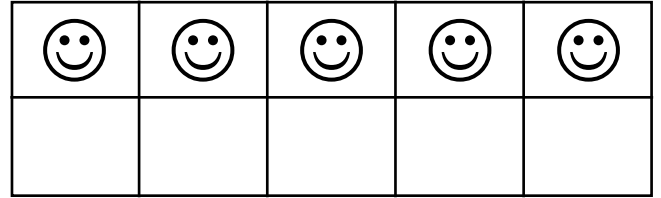
4 Complete the ten frames to make the number.

13



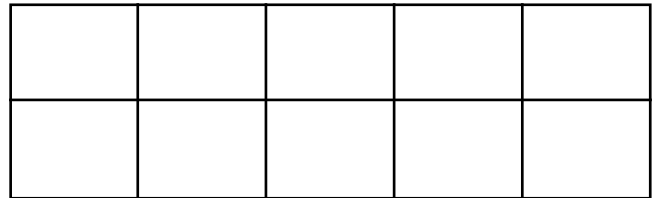
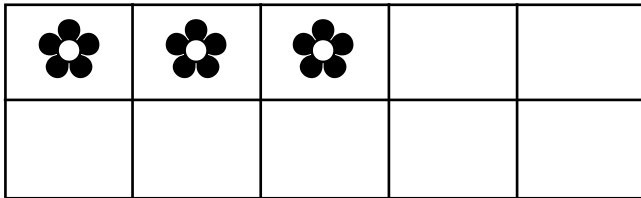
$$10 + \square = 13$$

14



$$\square + 4 = 14$$

15



$$10 + \square = \square$$

5 Match.

13

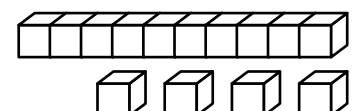
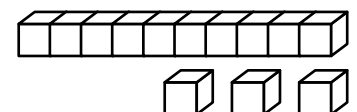
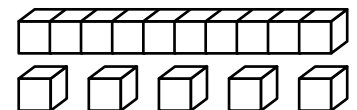
fourteen

14

fifteen

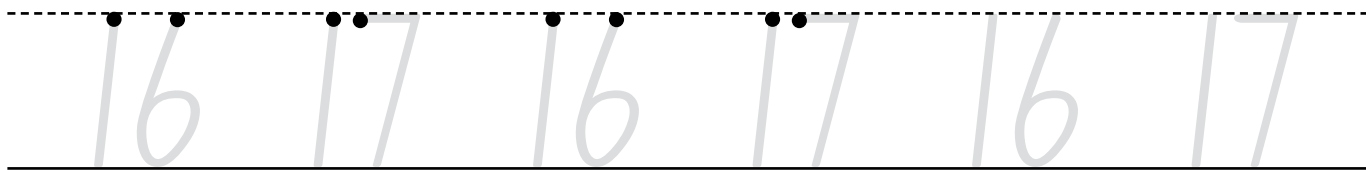
15

thirteen

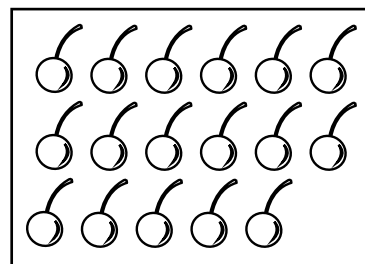


# Numbers 16 and 17 • sixteen • seventeen

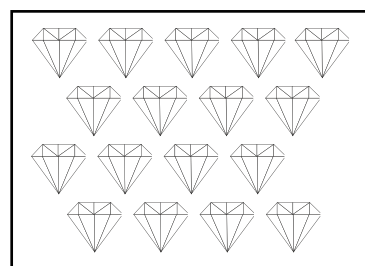
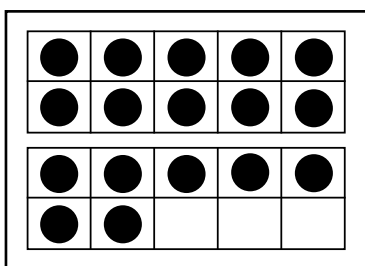
1 Write the numbers 16 and 17.



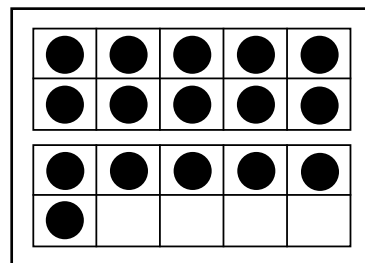
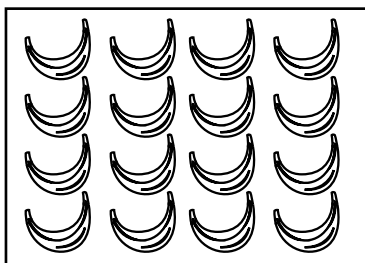
2 Match.



16

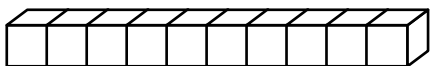


17

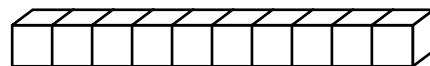


3 Draw more blocks to make each number.

16



17

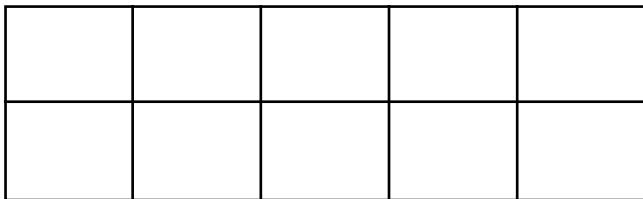
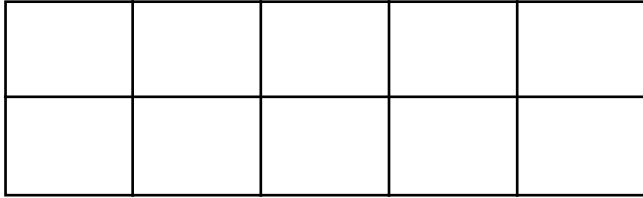


$$\boxed{10} + \boxed{6} = \boxed{\phantom{00}}$$

$$\boxed{10} + \boxed{7} = \boxed{\phantom{00}}$$

4 Show each number in the ten frames. Complete the sums.

16

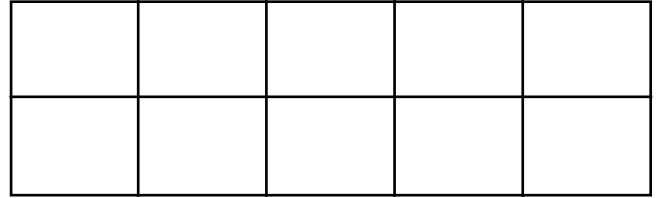


10

 +  = 

16

17



10

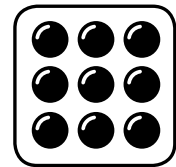
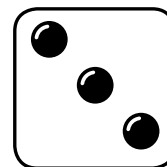
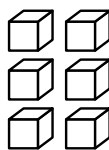
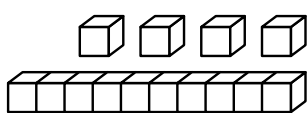
 +  = 

17

5 Circle the smaller number. Cross ~~X~~ out the larger number.

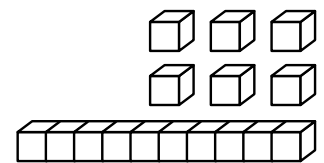
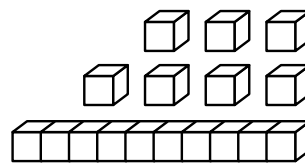
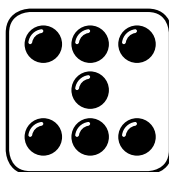
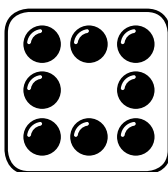
8

16

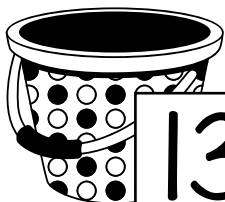


13

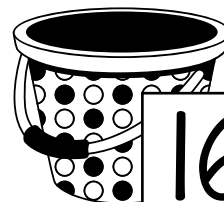
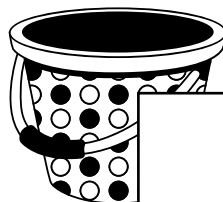
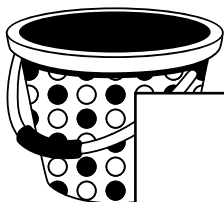
17



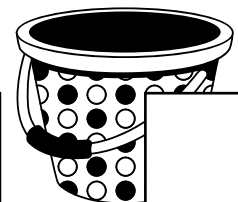
6 Write the missing numbers.



13



16



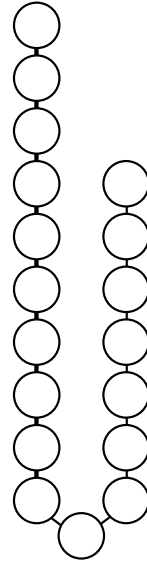
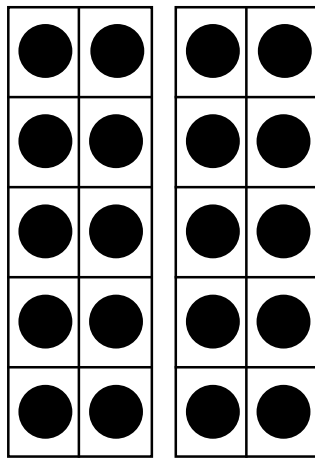
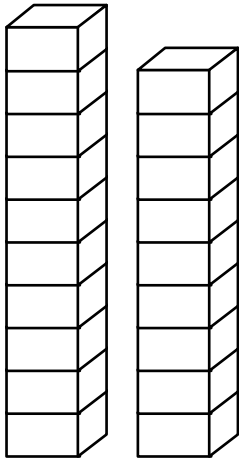


# Numbers 18, 19, 20 • eighteen • nineteen • twenty

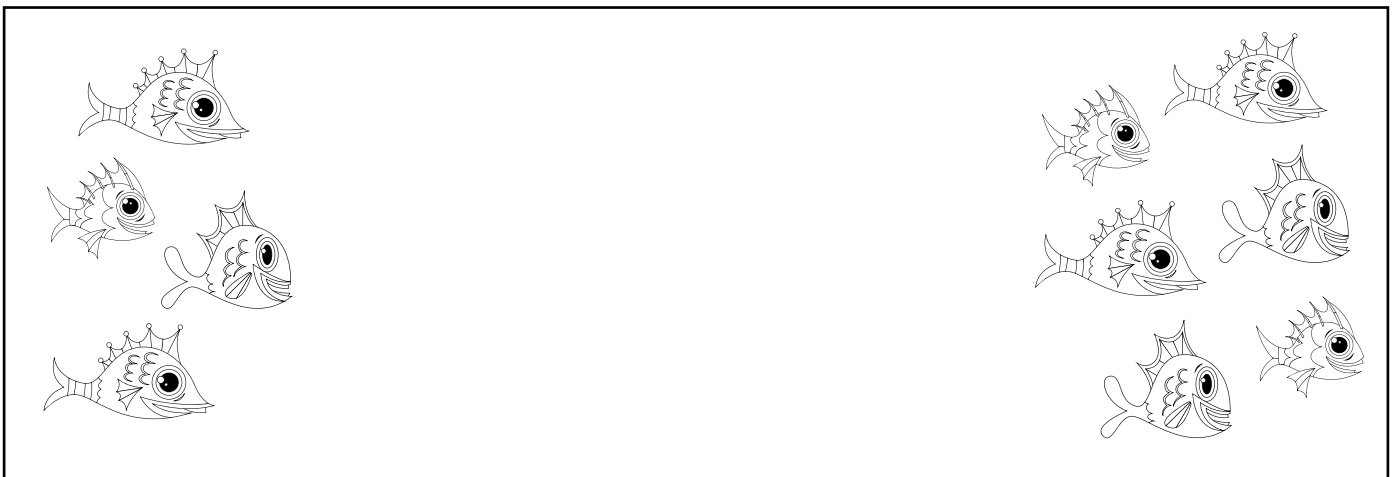
1 Write the numbers 18, 19 and 20.

18 19 20 18 19 20

2 How many?



3 Draw 10 more fish.



Complete.  $\boxed{10} + \boxed{10} = \boxed{\phantom{00}}$

4 Color to make each number.

19



$$10 + \square = 19$$

18



$$\square + 10 = 18$$

5 Complete.

$$\begin{array}{c} \text{10 blocks} \end{array} + \begin{array}{c} \text{9 blocks} \end{array} = \square$$

$$\begin{array}{c} \text{10 blocks} \end{array} + \begin{array}{c} \text{8 blocks} \end{array} = \square$$

$$\begin{array}{c} \text{10 blocks} \end{array} + \begin{array}{c} \text{10 blocks} \end{array} = \square$$

6 Write the missing numbers.

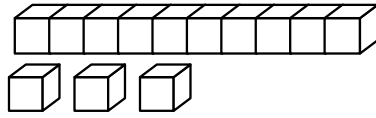
16


19

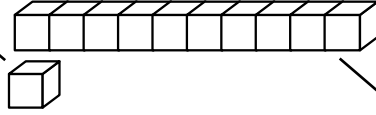
# Number names eleven to twenty

1 Match. Trace the number names.

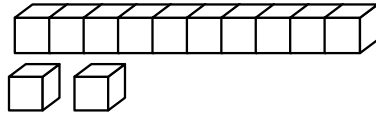
11



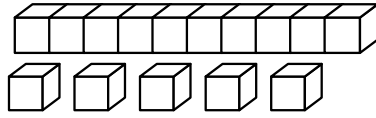
12



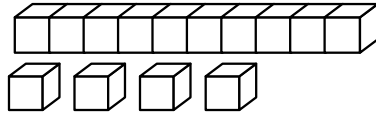
13



14



15



twelve

fourteen

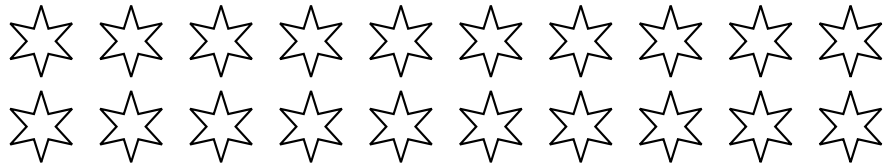
eleven

fifteen

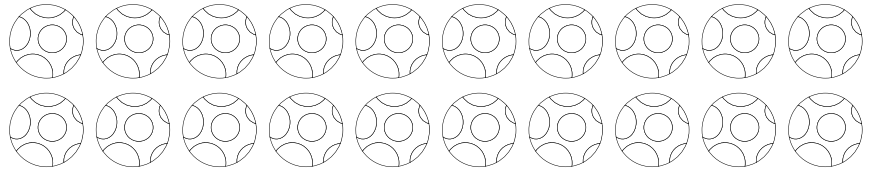
thirteen

2 Color.

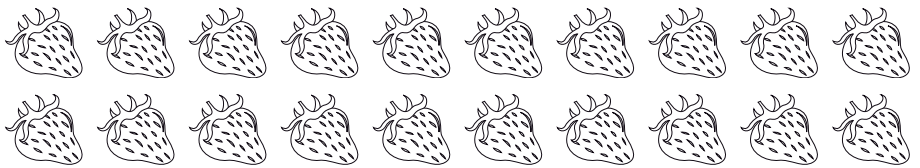
fifteen



eleven



thirteen

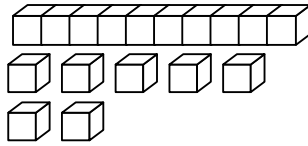


fourteen



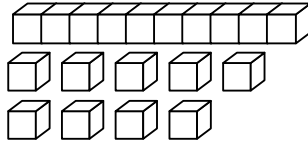
3 Match.

16



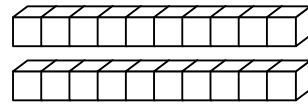
eighteen

17



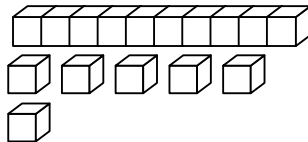
seventeen

18



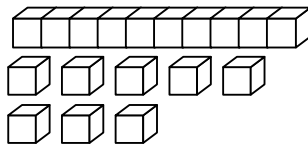
sixteen

19



twenty

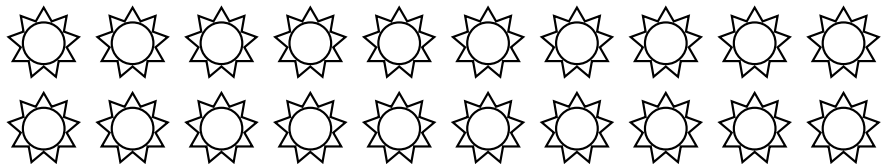
20



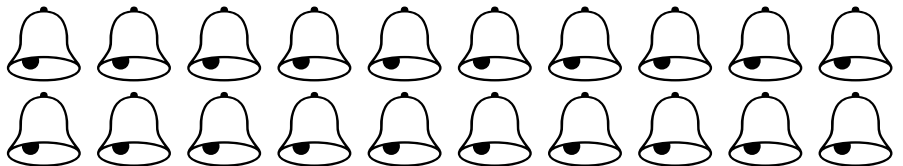
nineteen

4 Color.

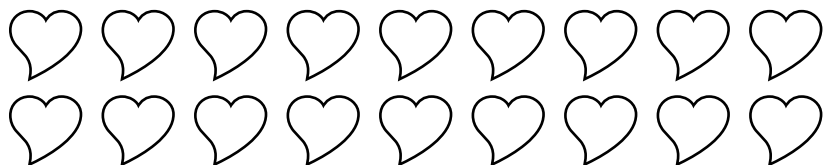
eighteen



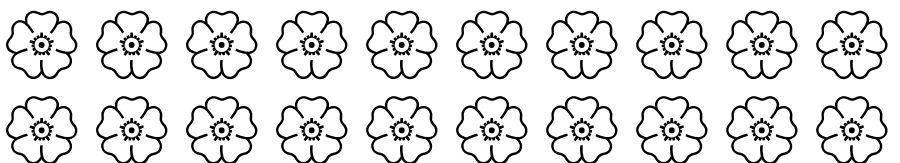
sixteen



seventeen



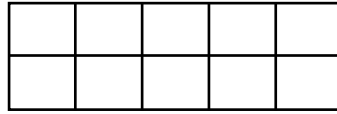
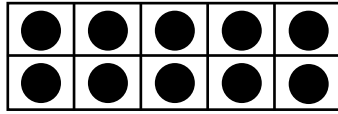
nineteen



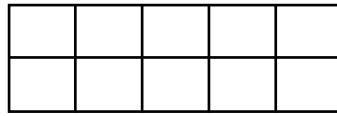
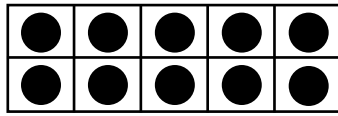
# Counting II to 20

I Draw dots to match. Write the number.

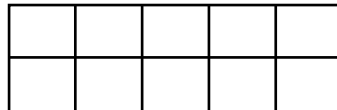
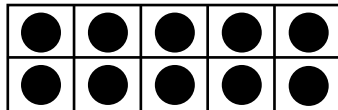
eleven



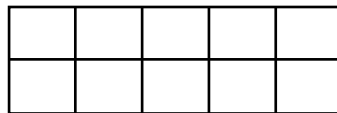
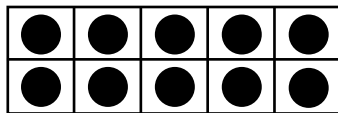
twelve



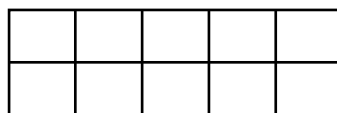
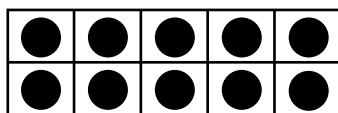
thirteen



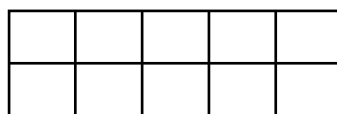
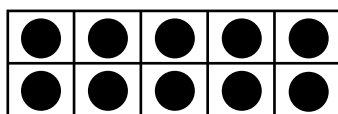
fourteen



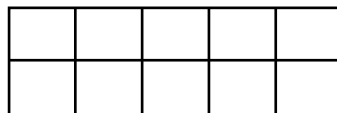
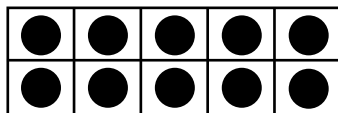
fifteen



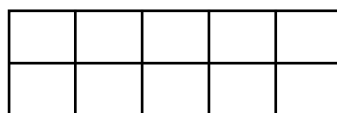
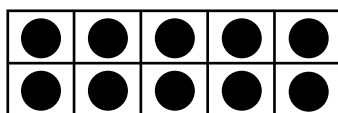
sixteen



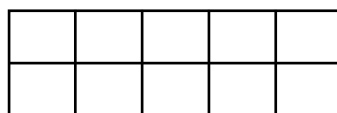
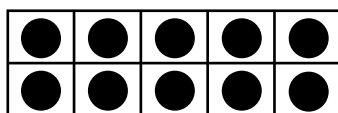
seventeen



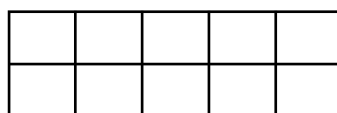
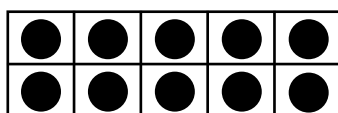
eighteen



nineteen

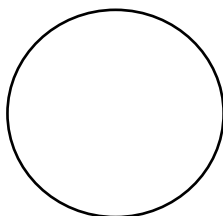
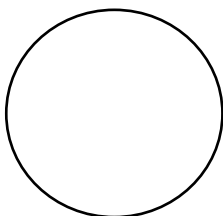
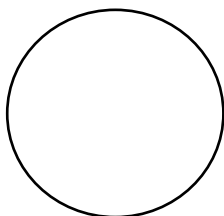


twenty

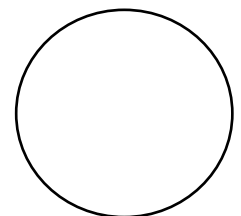


2 Complete.

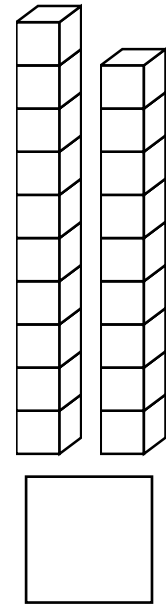
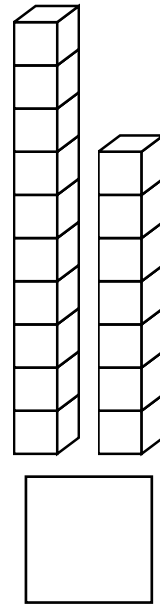
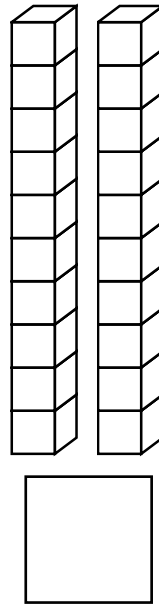
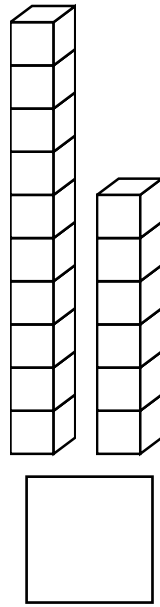
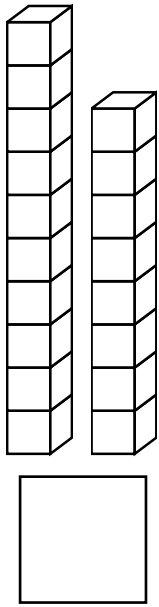
10



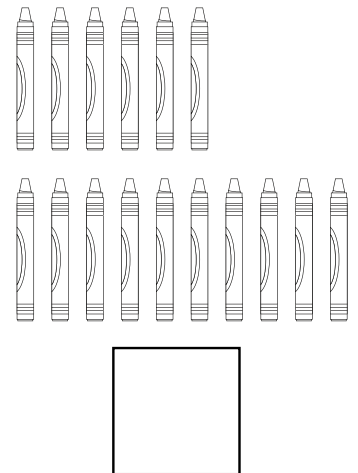
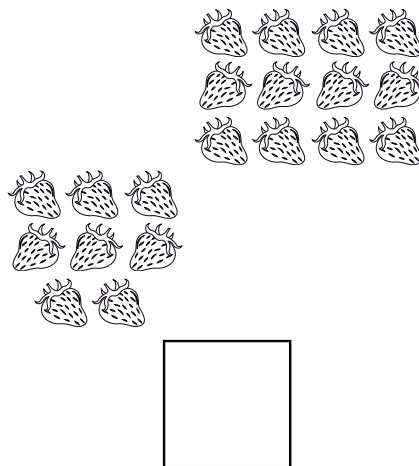
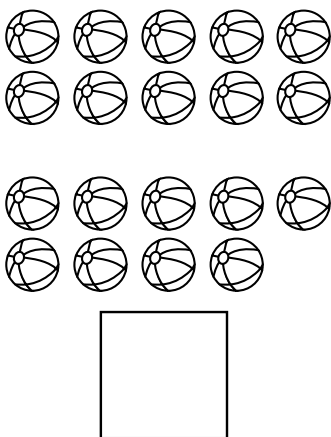
14



### 3 Write the number.



### 4 How many?



### 5 Count to 20. Write the missing numbers on the chart.

1	2			5
6		8		10
	12		14	
16	17			

# Lots of legs

Investigate

- 1 Mango sees 5 . How many legs?  
Draw and count.



legs

- 2 Dizzy sees 4 . How many legs?  
Draw and count.



legs

- 3 Ruby sees 4 . How many legs?  
Draw and count.



legs

- 4 Who sees the most legs?

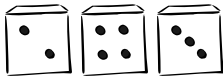

Circle




# Three in a row

Game

You will need:

- \* 3 dice  \* two colored pencils 
- \* and a partner 😊

My color \_\_\_\_\_ My partner's color \_\_\_\_\_

- 1 Roll the 3 dice.
- 2 Count the dots.
- 3 Trace the number.
- 4 Try to get 3 in a row. 
- 5 The most groups of 3 wins the game!

15	9	14	6	7	8	13	11	6
6	8	10	12	16	14	10	5	12
8	5	3	9	12	10	7	4	6
13	11	5	14	6	8	15	7	9
11	15	3	5	8	9	10	6	7
8	12	5	9	7	3	17	11	4
4	18	9	10	5	11	9	12	16

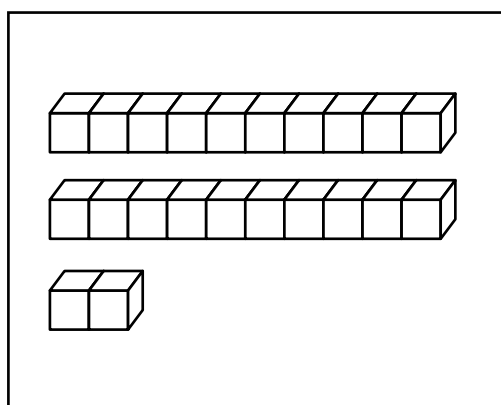


# Numbers 21 and 22 • twenty-one • twenty-two

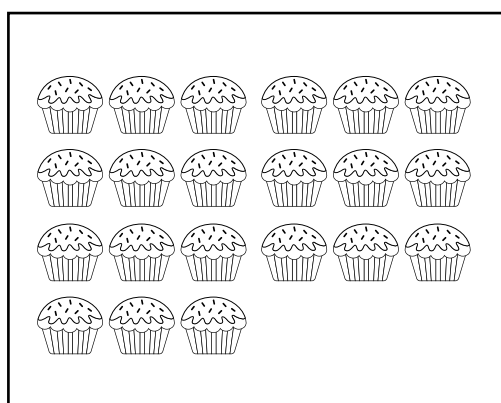
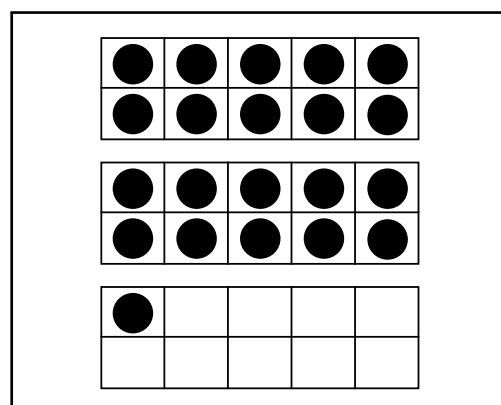
1 Write the numbers 21 and 22.

21 22 21 22 21 22

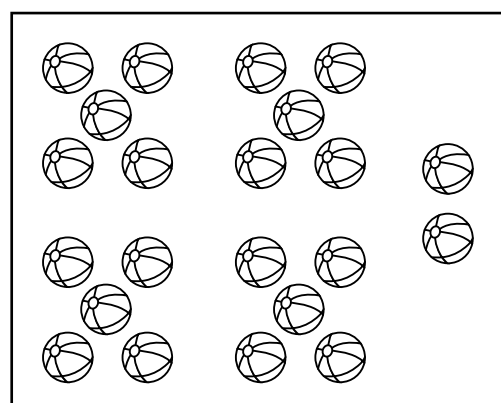
2 Match.



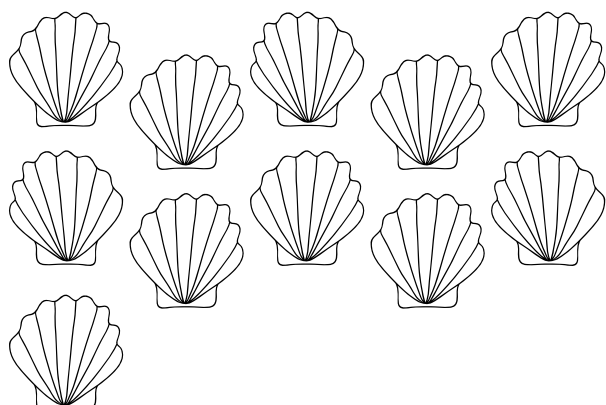
21



22



3 Draw 10 more shells.



How many shells?

4 Show each number in the ten frames.

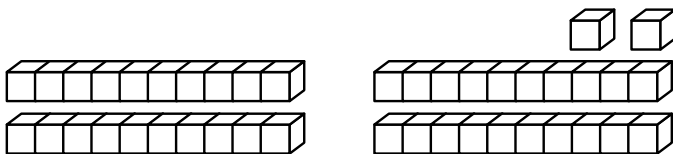
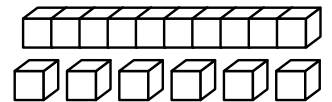
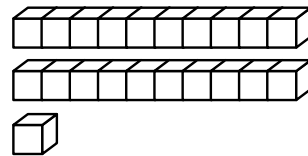
21


22


5 Circle the smaller number. Cross ~~X~~ out the larger number.

22

18



12

21

22

21



6 Complete.

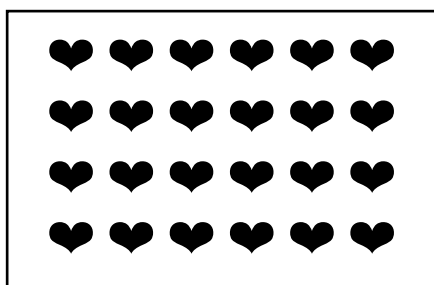
15	16		18		20		
----	----	--	----	--	----	--	--

Numbers 23, 24, 25 • twenty-three • twenty-four • twenty-five

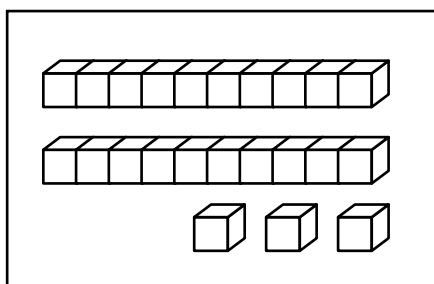
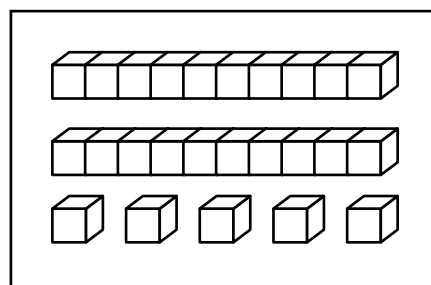
Write the numbers 23, 24 and 25.

23 24 25 23 24 25

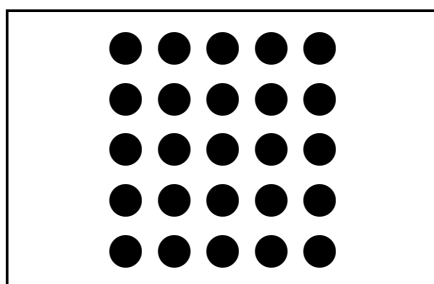
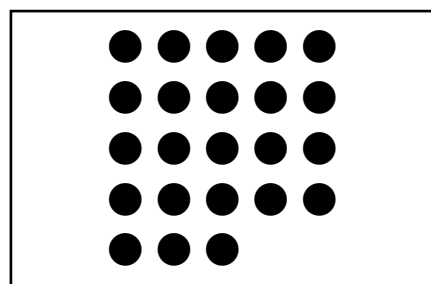
2 Match.



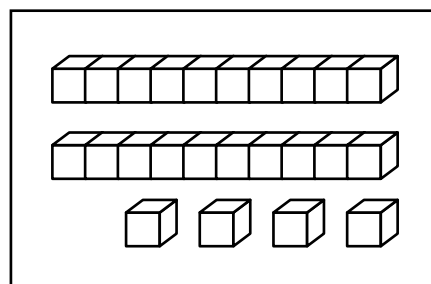
23



24



25



3 Color 24.



4 Show each number in the ten frames.

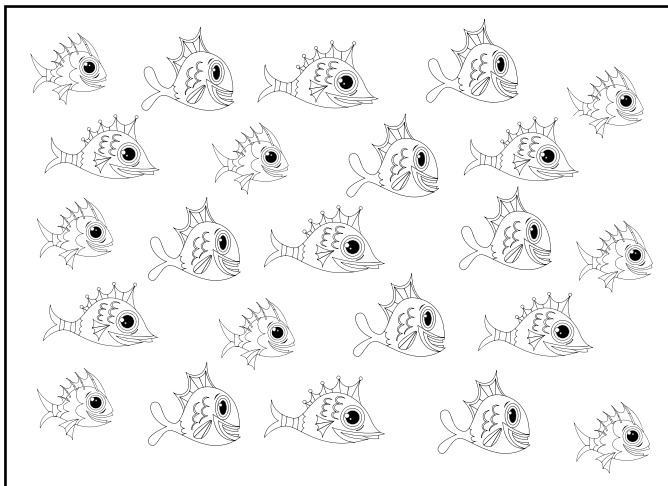
23



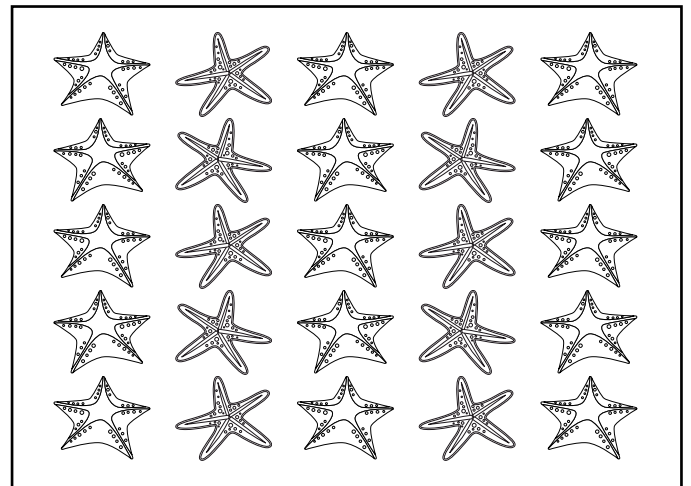

25




5 How many?



--



--

6 Complete.

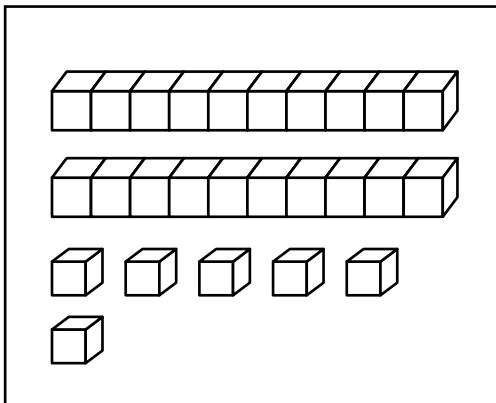
19			22			25
----	--	--	----	--	--	----

# Numbers 26 and 27 • twenty-six • twenty-seven

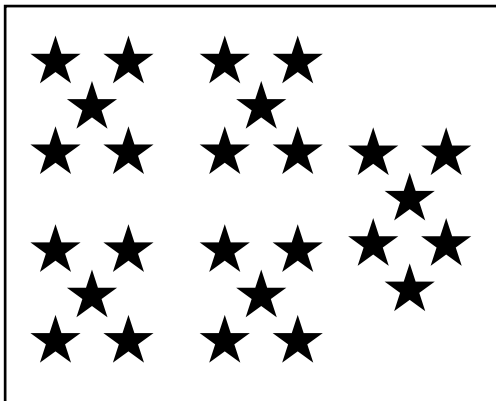
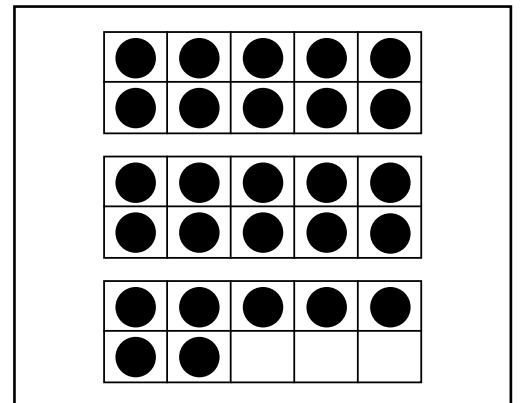
1 Write the numbers 26 and 27.

26 27 26 27 26 27

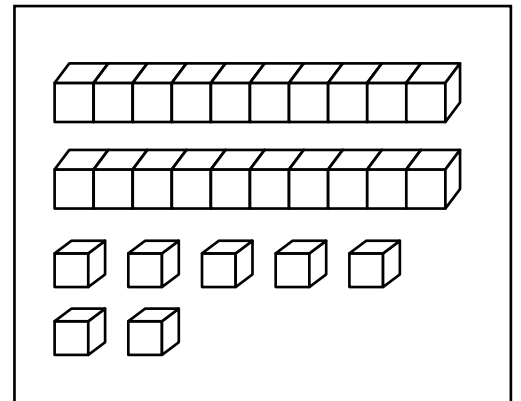
2 Match.



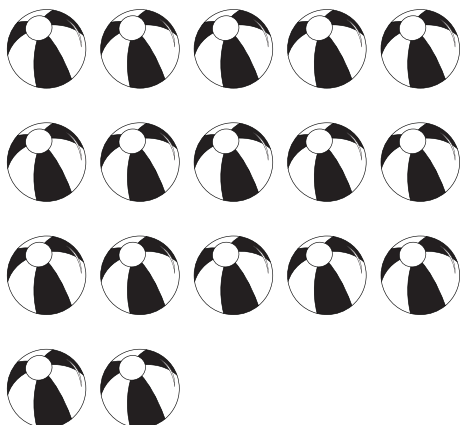
26



27



3 Draw 10 more balls.



How many balls altogether?

4 Show each number in the ten frames.

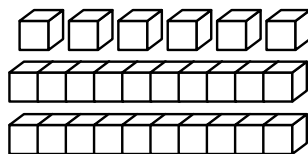
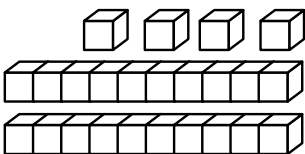
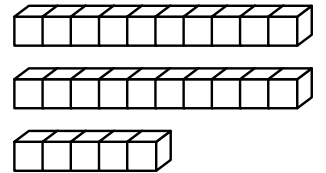
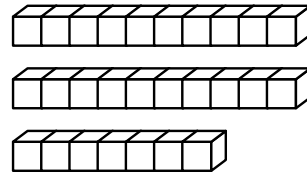
26


27


5 Circle the smaller number. Cross ~~X~~ out the larger number.

26

16

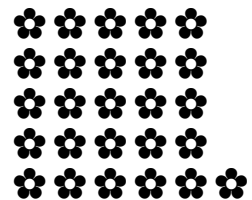
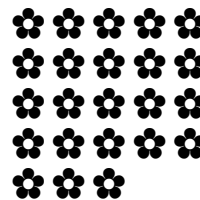


19

27

27

26



6 Complete.

20

24

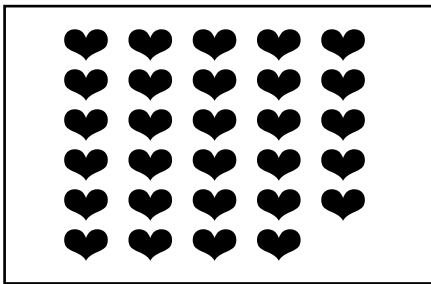
27

Numbers 28, 29, 30 • twenty-eight • twenty-nine  
• thirty

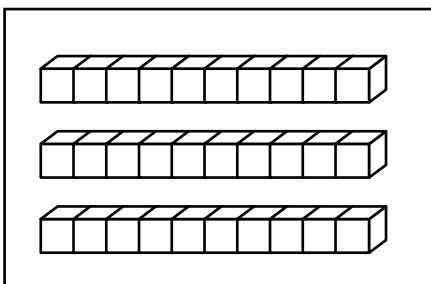
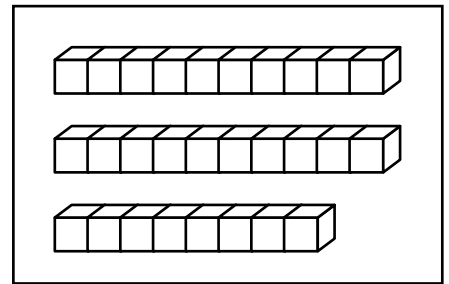
Write the numbers 28, 29 and 30.

28 29 30 28 29 30

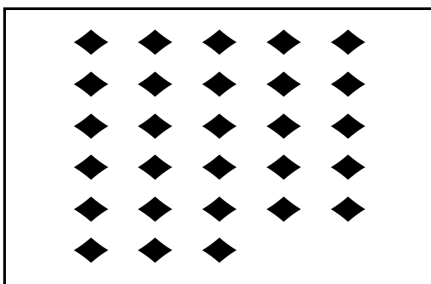
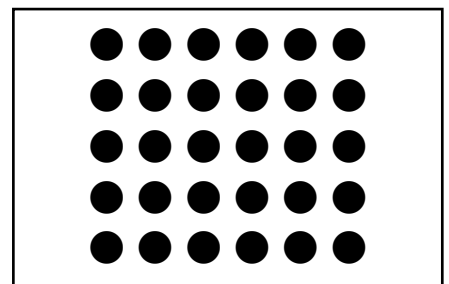
2 Match.



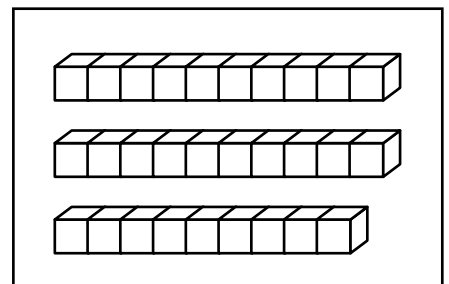
28



29



30



3 Color 29.



4 Show each number in the ten frames.

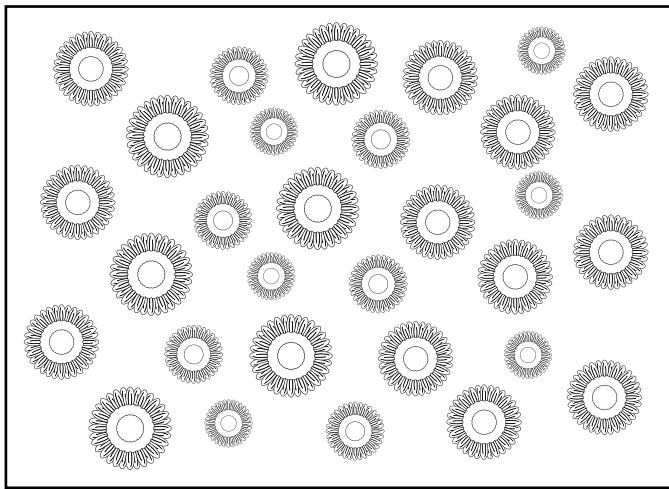
28



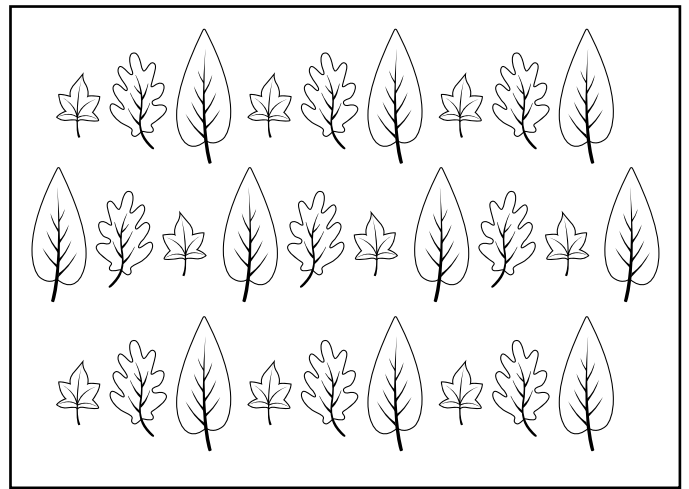

30




5 How many?



--



--

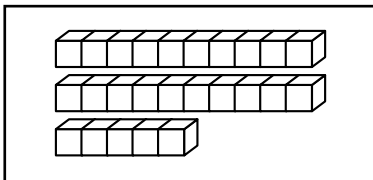
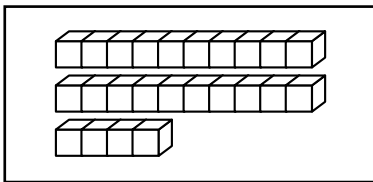
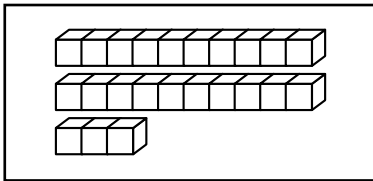
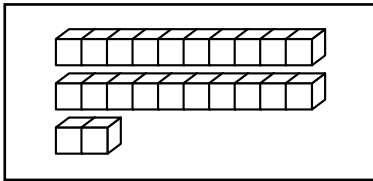
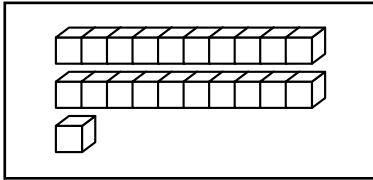
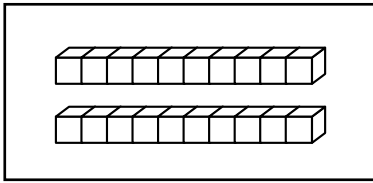
6 Complete.

24		26			29	
----	--	----	--	--	----	--



# Number names twenty to thirty

I Match. Write the number names.



twenty-three

twenty

twenty-five

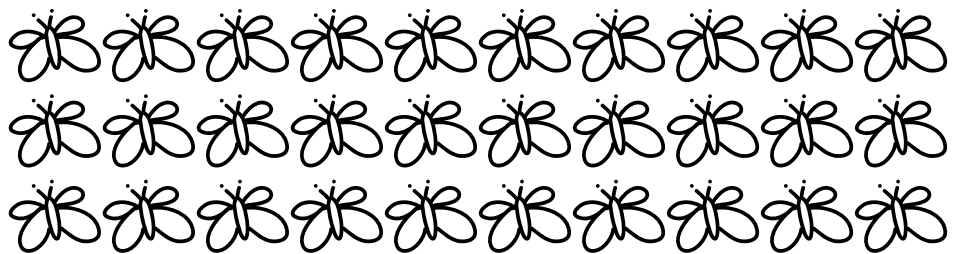
twenty-one

twenty-four

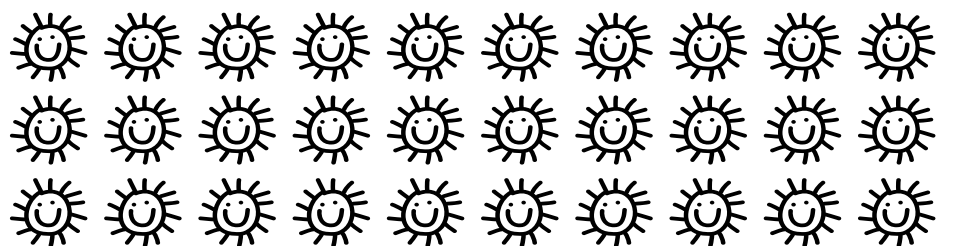
twenty-two

2 Color.

twenty-three



twenty-nine



### 3 Match.

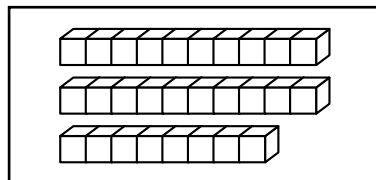
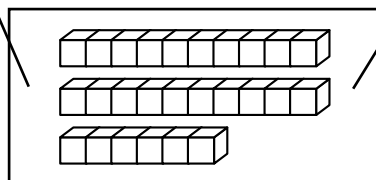
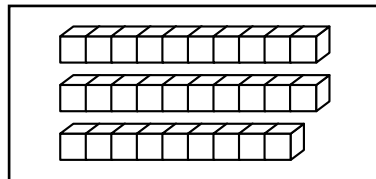
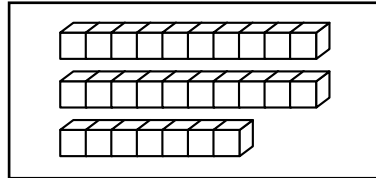
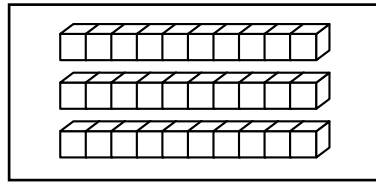
26

27

28

29

30



twenty-eight

twenty-six

twenty-nine

thirty

twenty-seven

### 4 Color the matching number.

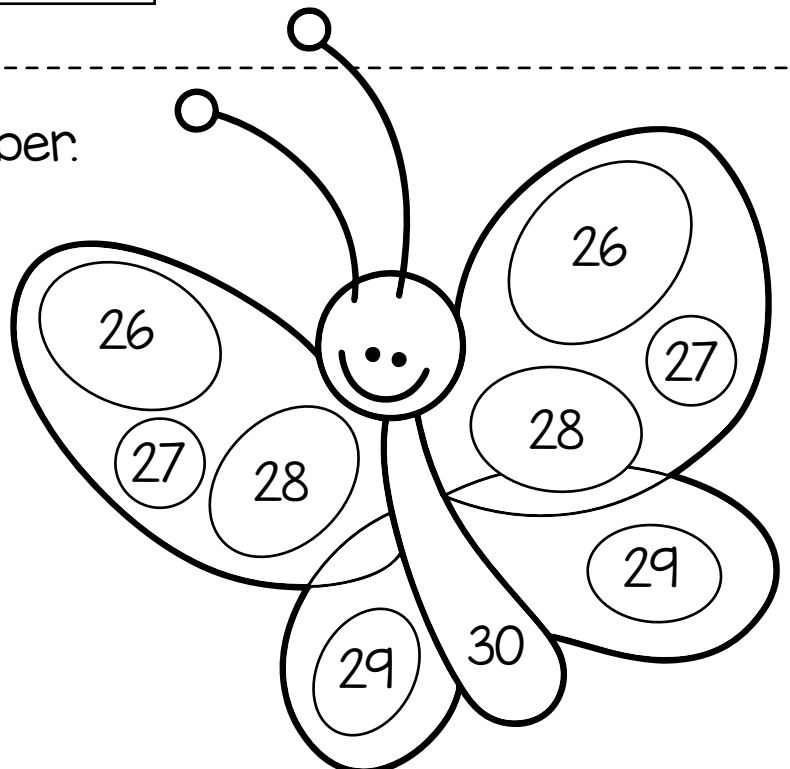
twenty-six = red

twenty-seven = orange

twenty-eight = yellow


twenty-nine = green


thirty = purple



# Counting to 30

1 Write the missing numbers.

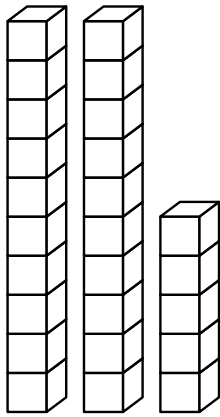
JUNE						
Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
1	2				6	
8			11			14
	16				20	
22				26		
	30					

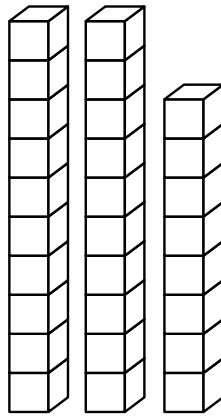


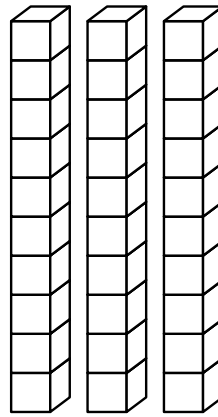
2 Complete.

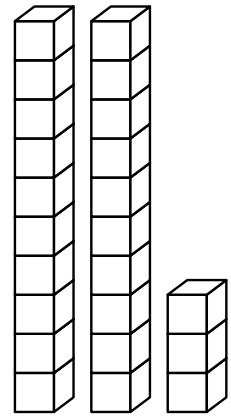
24				28		
----	--	--	--	----	--	--

3 Write the number.

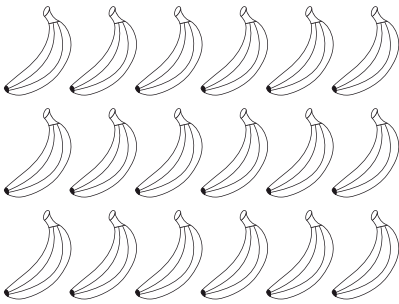


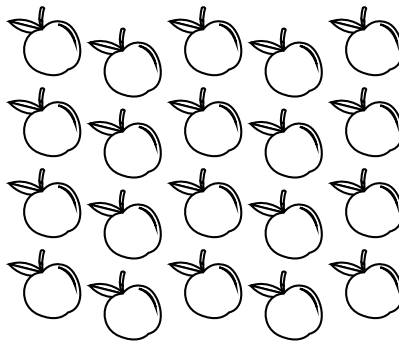


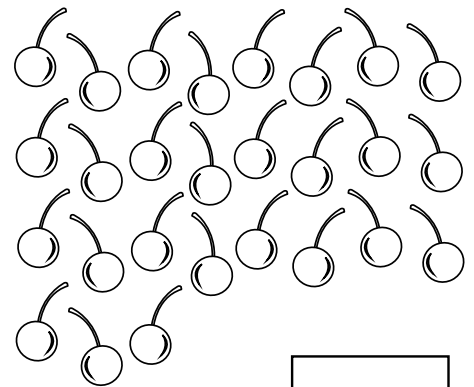





4 How many?





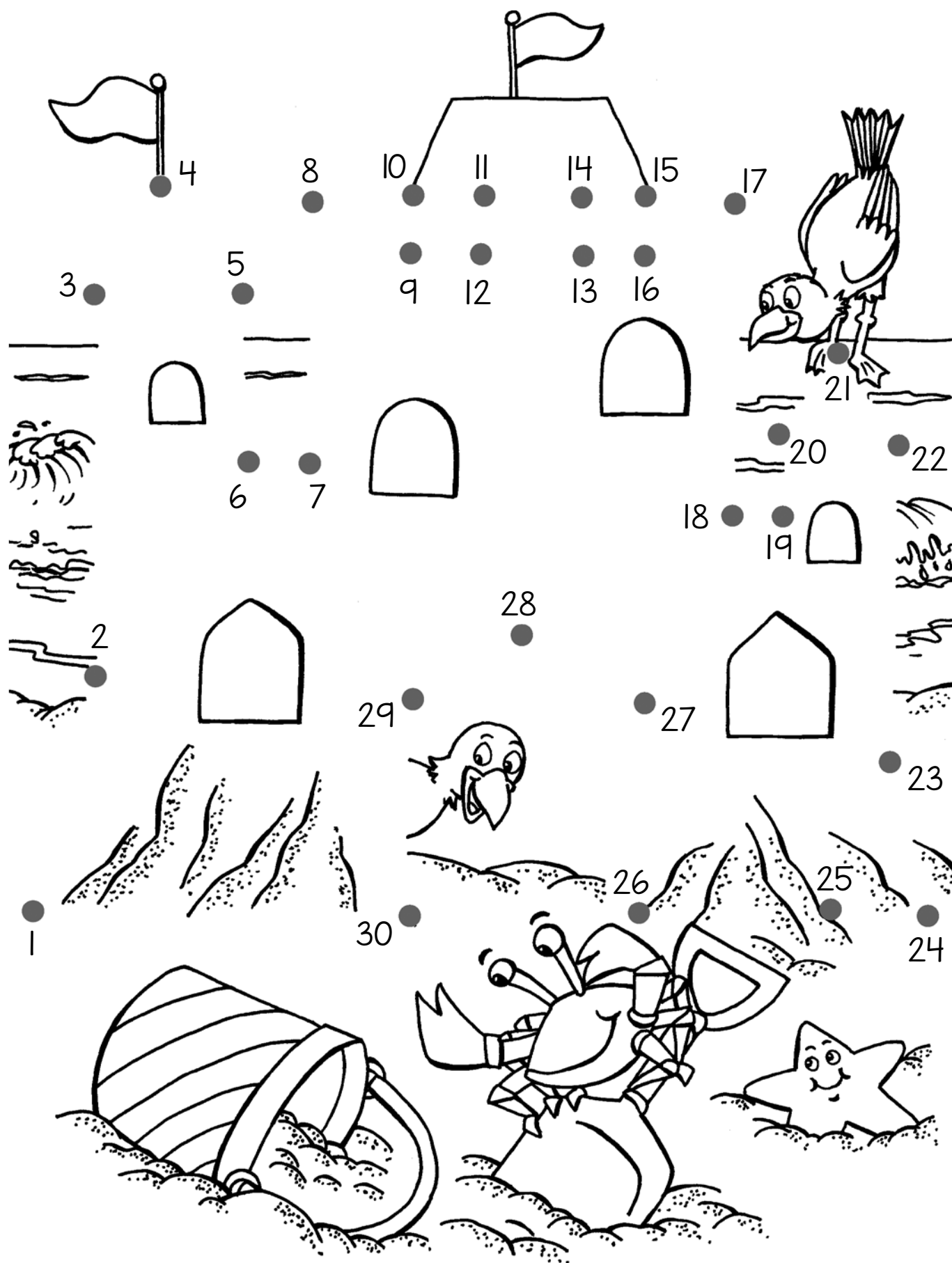



5 Show each number in the ten frames.

twenty-four


twenty-nine


**6** Complete the dot to dot. Color.

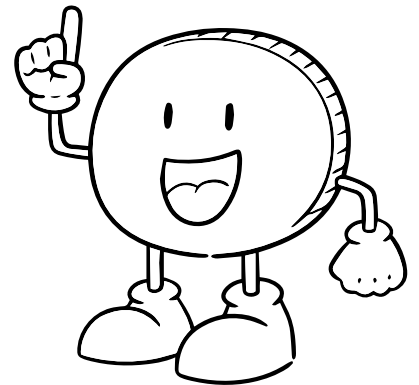


# Guess and check

Activity

You will need 30 counters ○ or cubes .

- 1 Grab a handful of counters.
- 2 Put them on the table in front of you.
- 3 Look quickly, then cover them up.
- 4 Estimate (guess) how many there are.
- 5 Write the number.
- 6 Now count them.
- 7 How close was your guess? Color the face.
- 8 Play with a partner. Who had the best guess?



GUESS

CHECK

RATE MY GUESS



# Word problems

Show each answer in the ten frames.

**1** Ruby has 13 .

Doc has 14 .

How many altogether?




There are

--



**2** Mango has 15 .

Dizzy has 10 .

How many altogether?




There are

--



**3** Waldo has 11 .

Dizzy has 10 .

How many altogether?




There are

--



**4** Ruby has 21 .

Doc has 9 .

How many altogether?

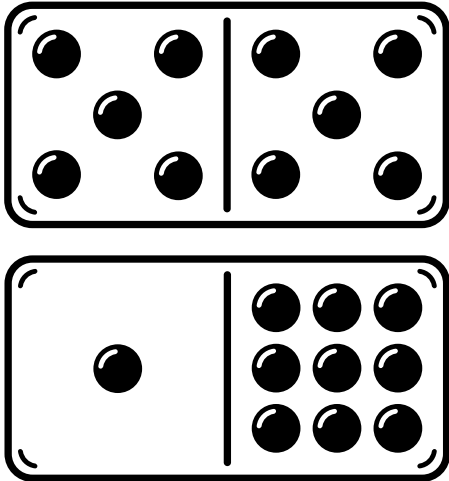



There are

--

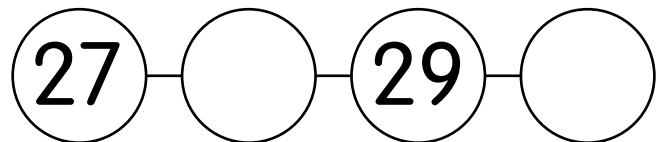
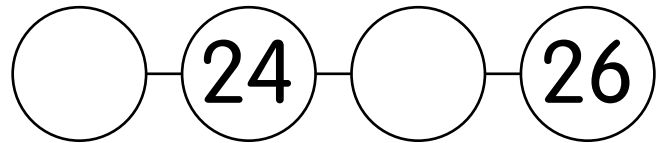
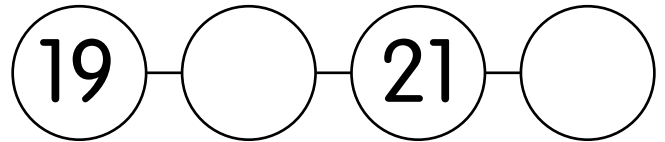


- 5 How many dots altogether?

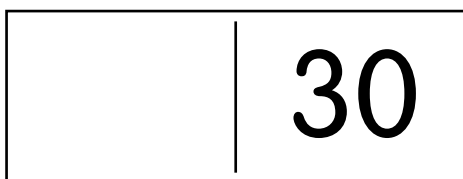
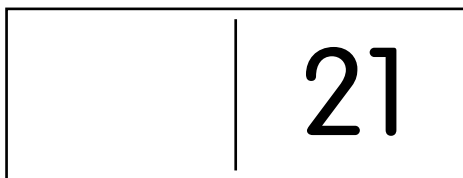
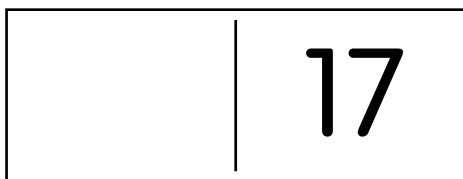


There are  dots .

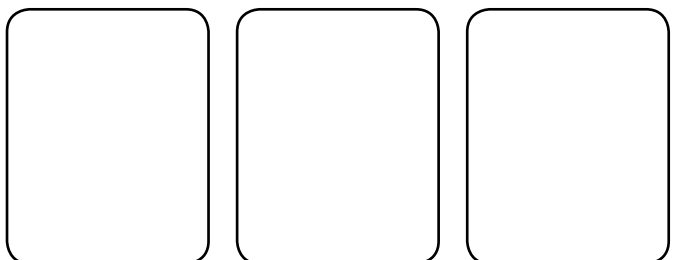
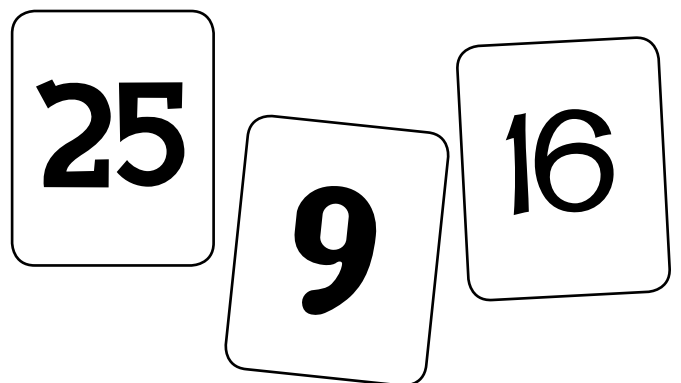
- 6 Which numbers are missing?



- 7 Which number comes before?



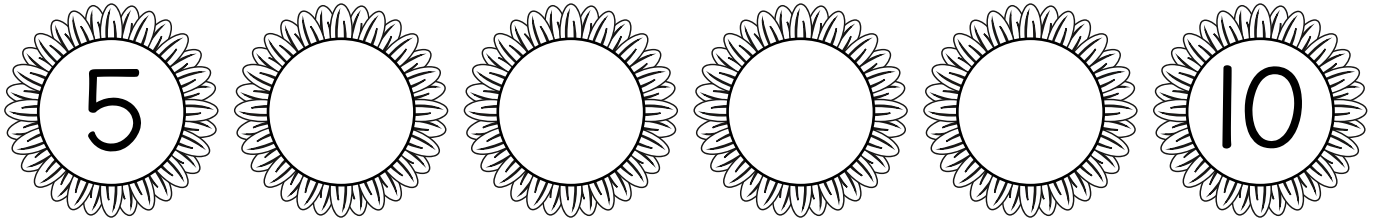
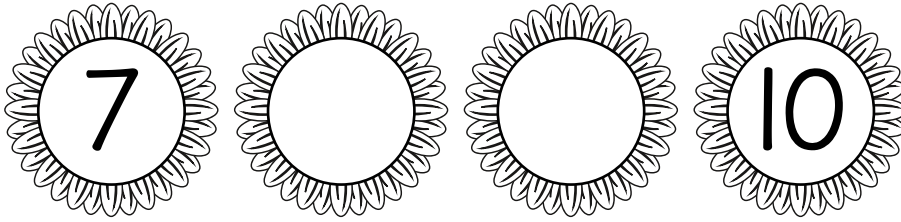
- 8 Order the cards from least to greatest.



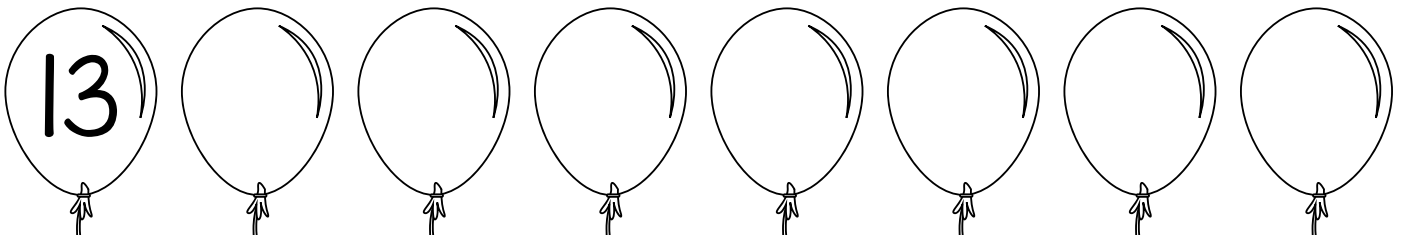
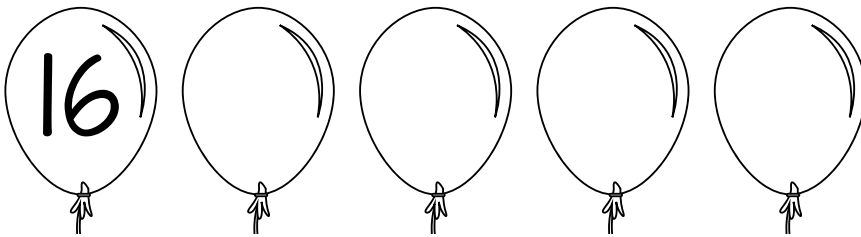


# Counting on

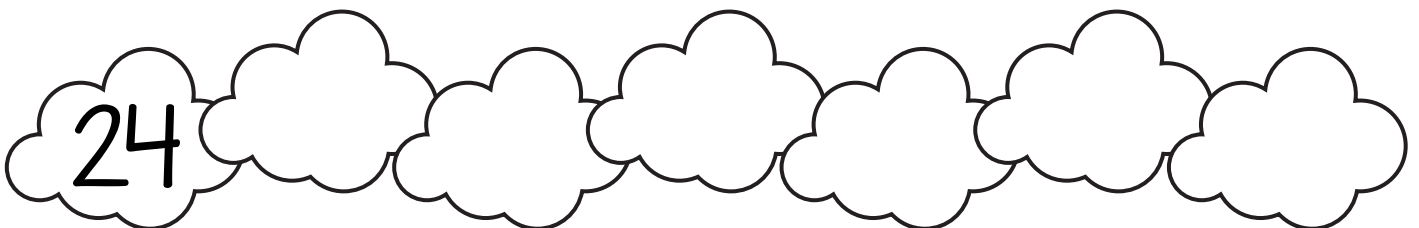
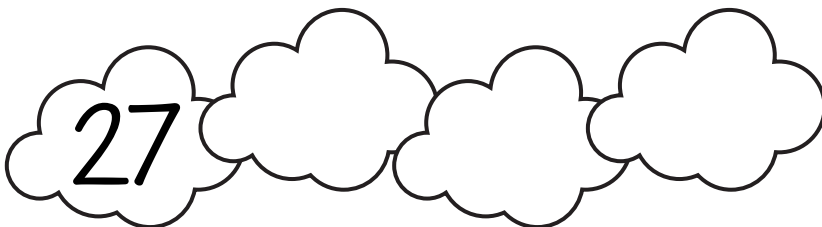
1 Count on to 10.



2 Count on to 20.

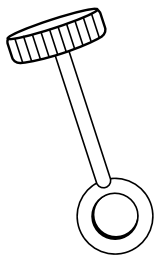


3 Count on to 30.

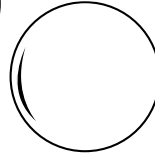
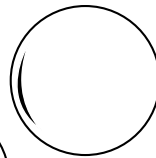
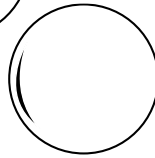


# Counting back from 20

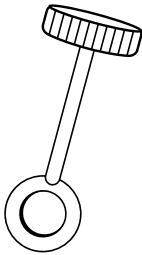
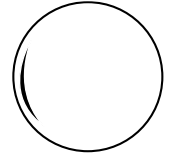
1 Write the missing numbers.



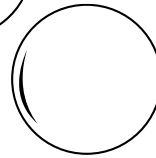
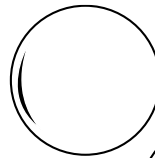
10



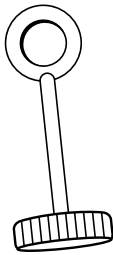
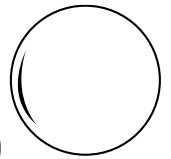
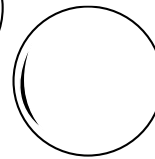
6



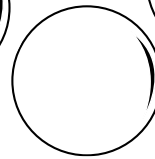
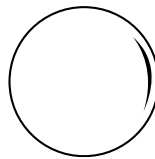
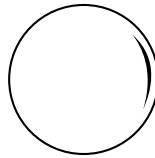
15



12

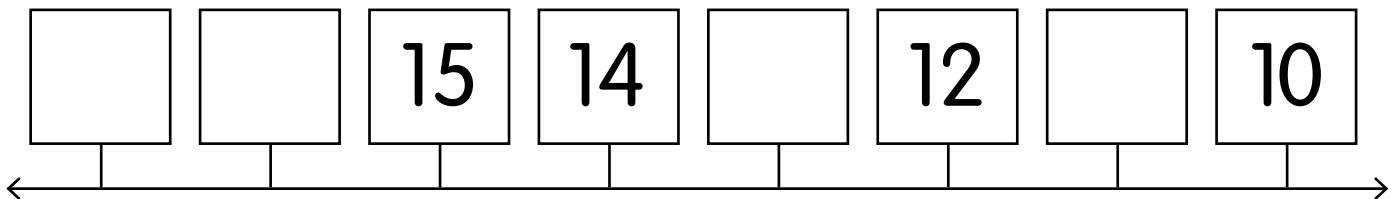


20

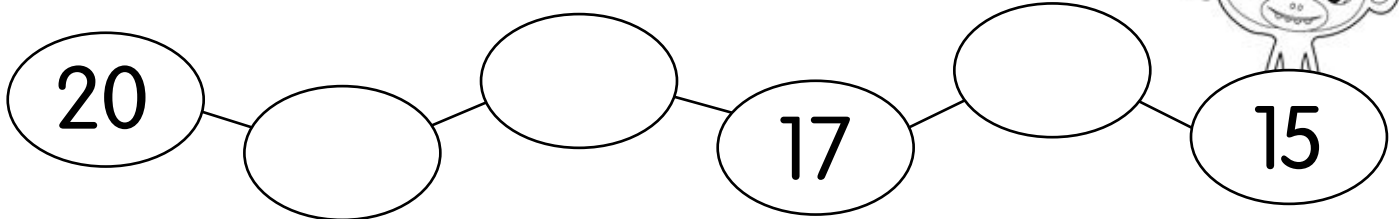


16

2 Complete.



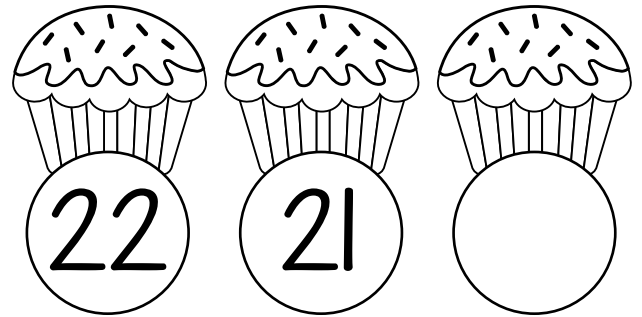
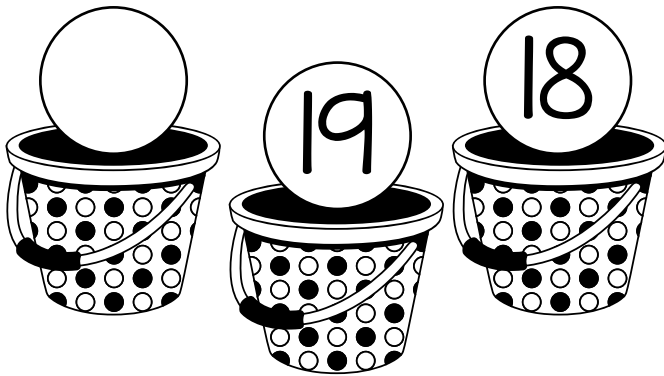
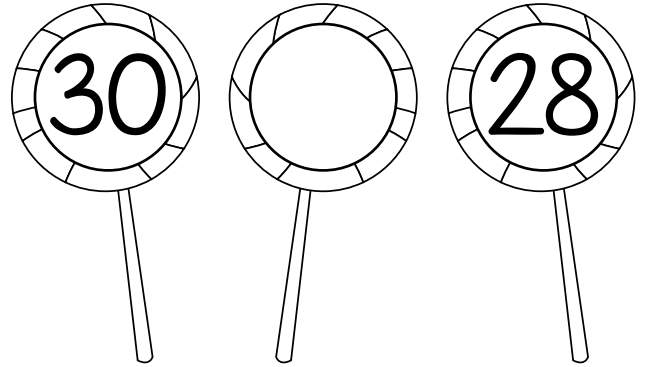
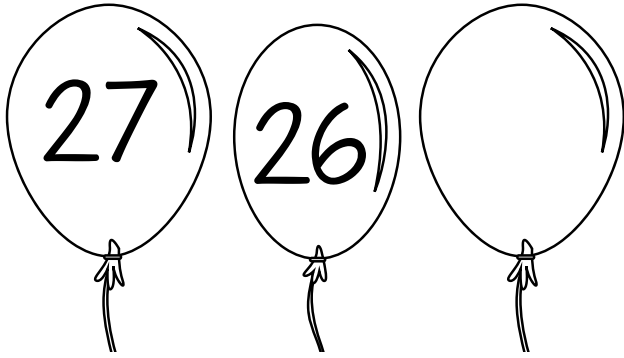
3 Write the missing numbers.



Mango jumps back 4 places. She lands on number \_\_\_\_\_

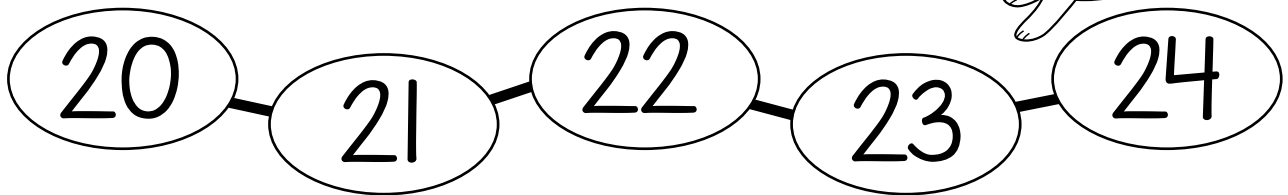
# Counting back from 30

1 Write the missing numbers.



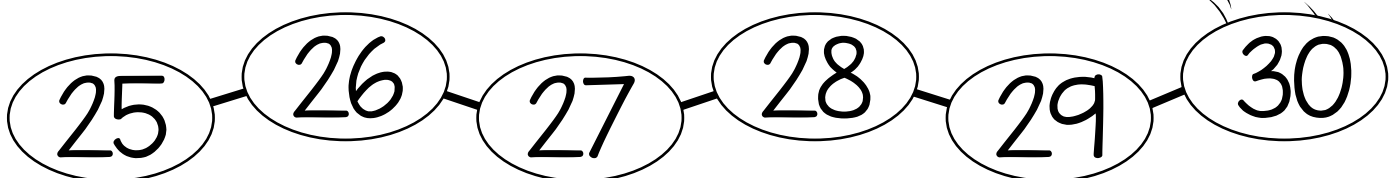
2 Snowy jumps back 3 spaces.

He lands on number \_\_\_\_\_.



3 Frog jumps back 4 spaces.

She lands on number \_\_\_\_\_.

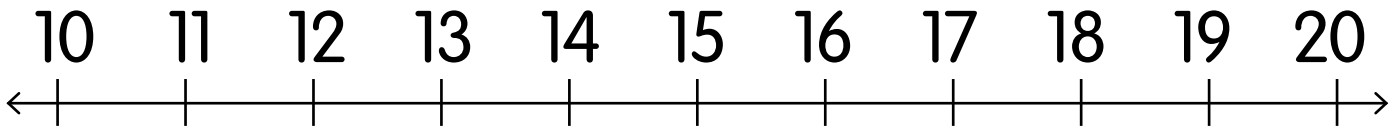


# Before and after

1 Circle the number

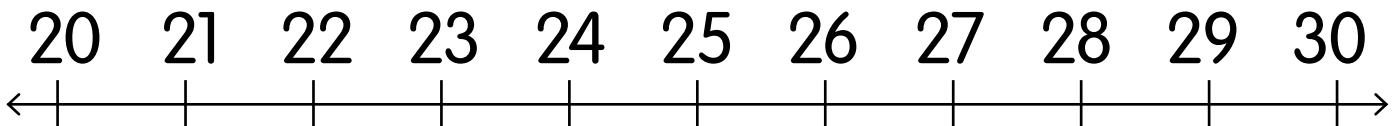
before 15.

after 19.



before 29.

after 24.



2 Write the numbers that come before and after.

<input type="text"/>	26	<input type="text"/>
----------------------	----	----------------------

<input type="text"/>	19	<input type="text"/>
----------------------	----	----------------------

3 Write the numbers that come 2 before and 2 after.

<input type="text"/>	28	<input type="text"/>
----------------------	----	----------------------

<input type="text"/>	21	<input type="text"/>
----------------------	----	----------------------

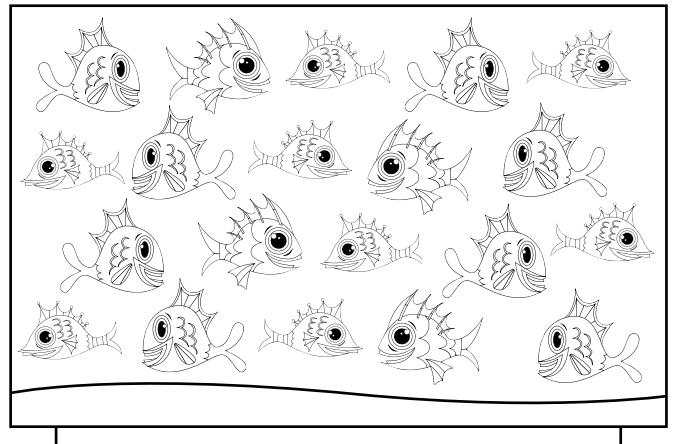
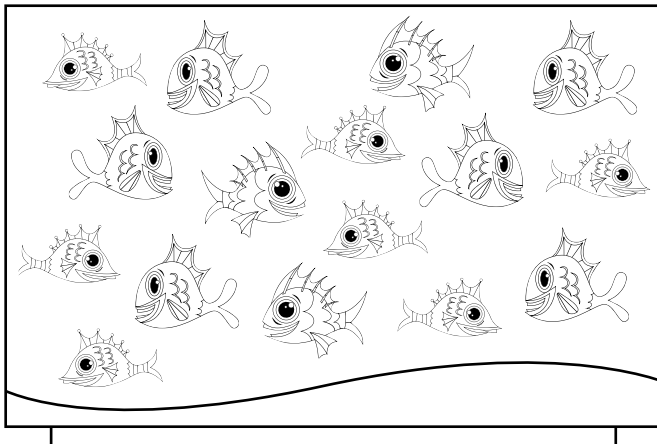
4 Write the numbers that come 3 before and 3 after.

<input type="text"/>	18	<input type="text"/>
----------------------	----	----------------------

<input type="text"/>	24	<input type="text"/>
----------------------	----	----------------------

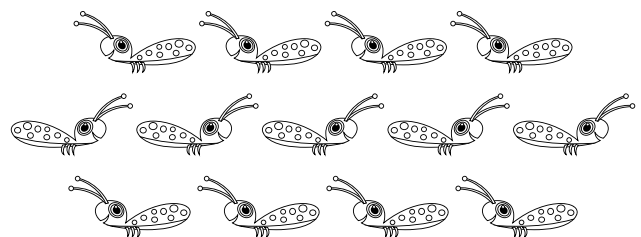
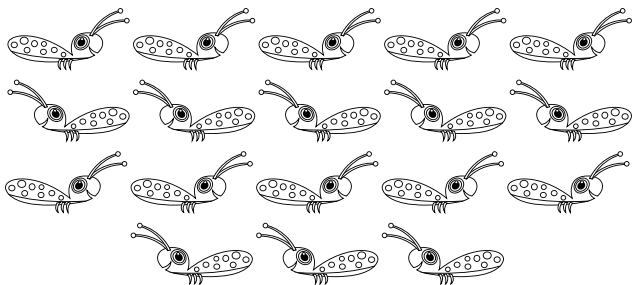
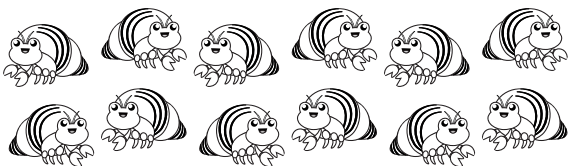
# Comparing

1 Count.

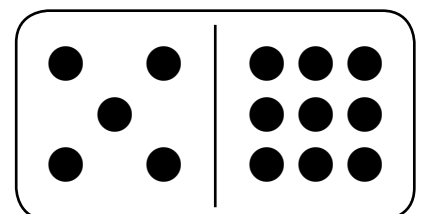
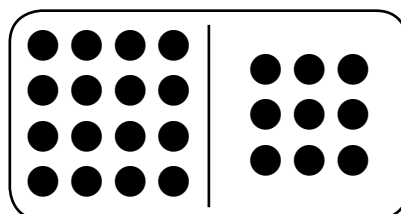
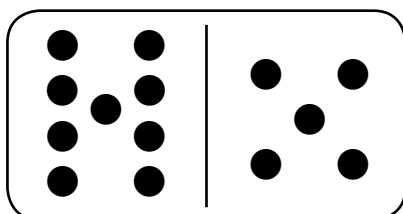


Cross **X** out the tank with more fish.

2 Circle the group that has fewer.



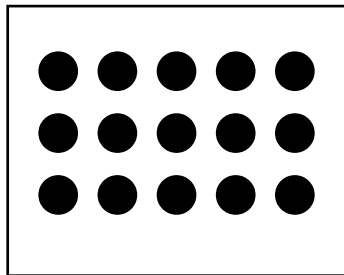
3 Count the spots.



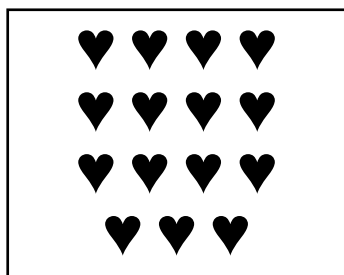
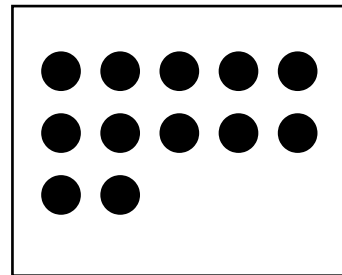
Which dominoes have the same number? Color them.

# More, fewer, the same

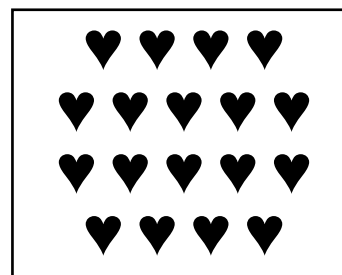
1 Circle the correct words.



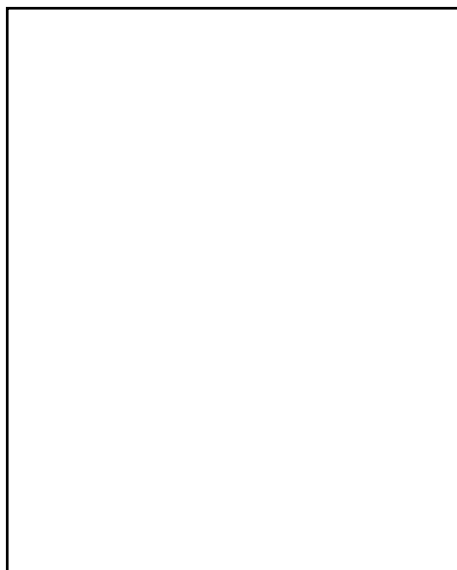
is more than  
is fewer than  
is the same as



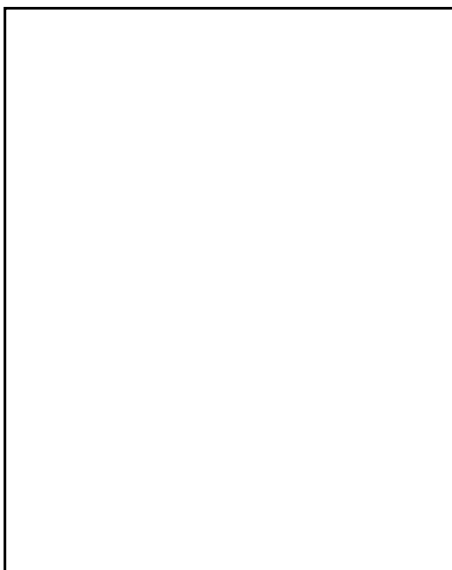
is more than  
is fewer than  
is the same as



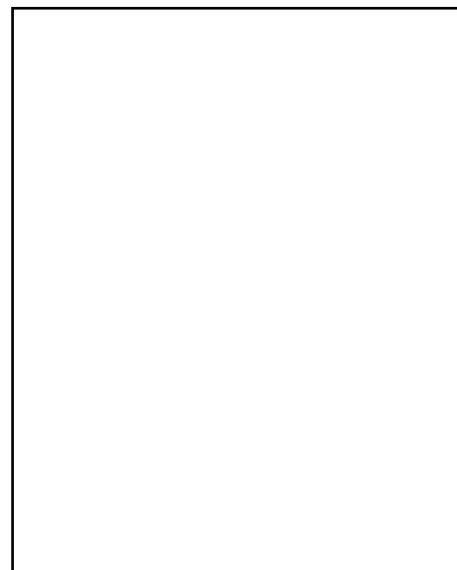
2 Mango has 20 bananas.  Draw



fewer bananas.



more bananas.



the same number.

3 Write a number that is more than 15.

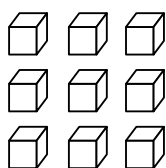
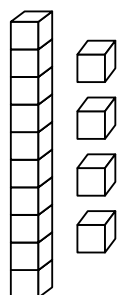
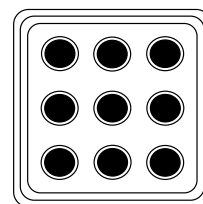
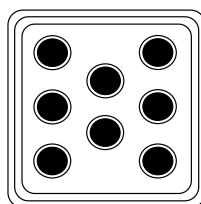
Write a number that is less than 30.

# Comparing numbers

1 Circle the smaller number. Cross ~~X~~ out the larger number.

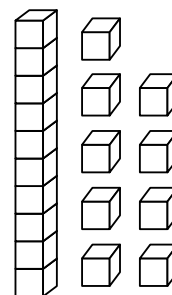
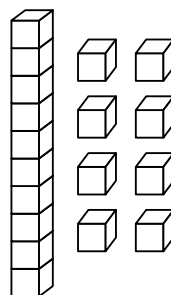
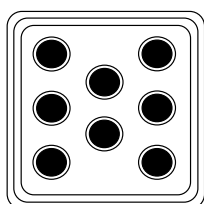
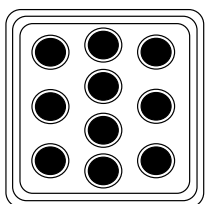
6

16



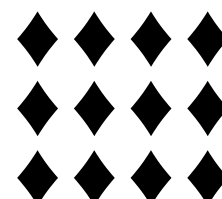
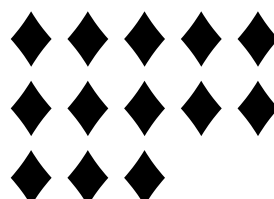
20

17

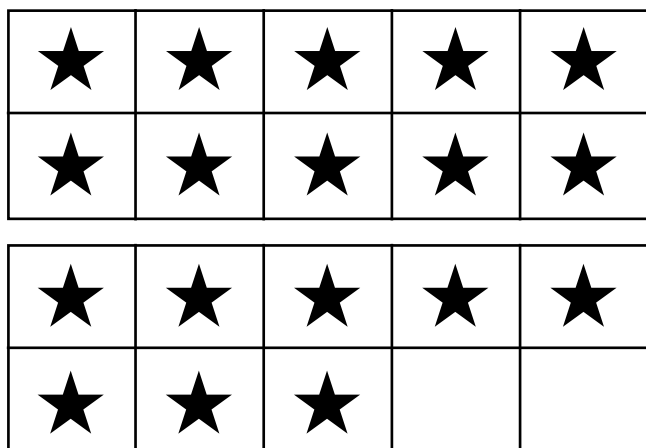


6

16



2

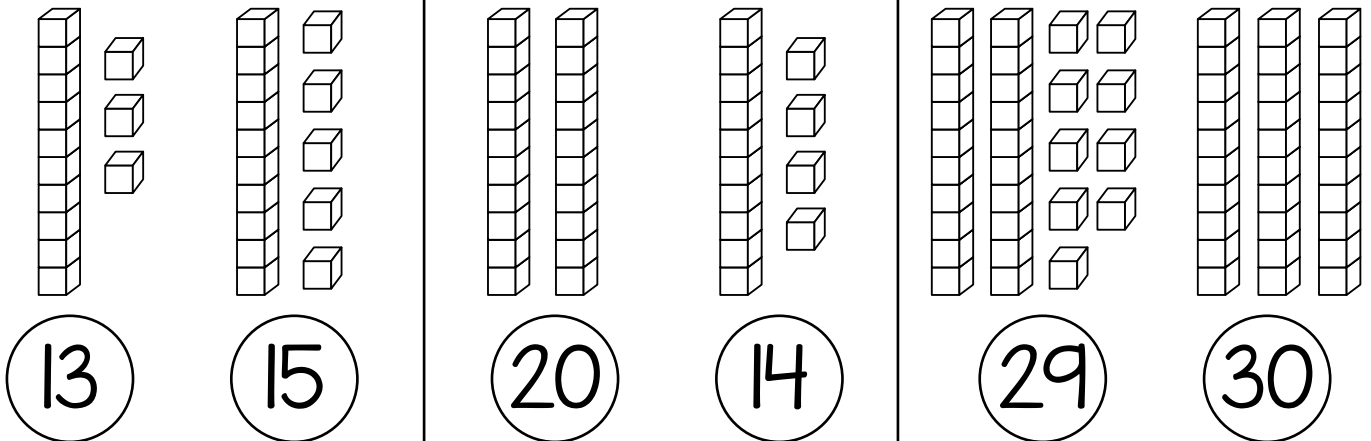


How many stars?

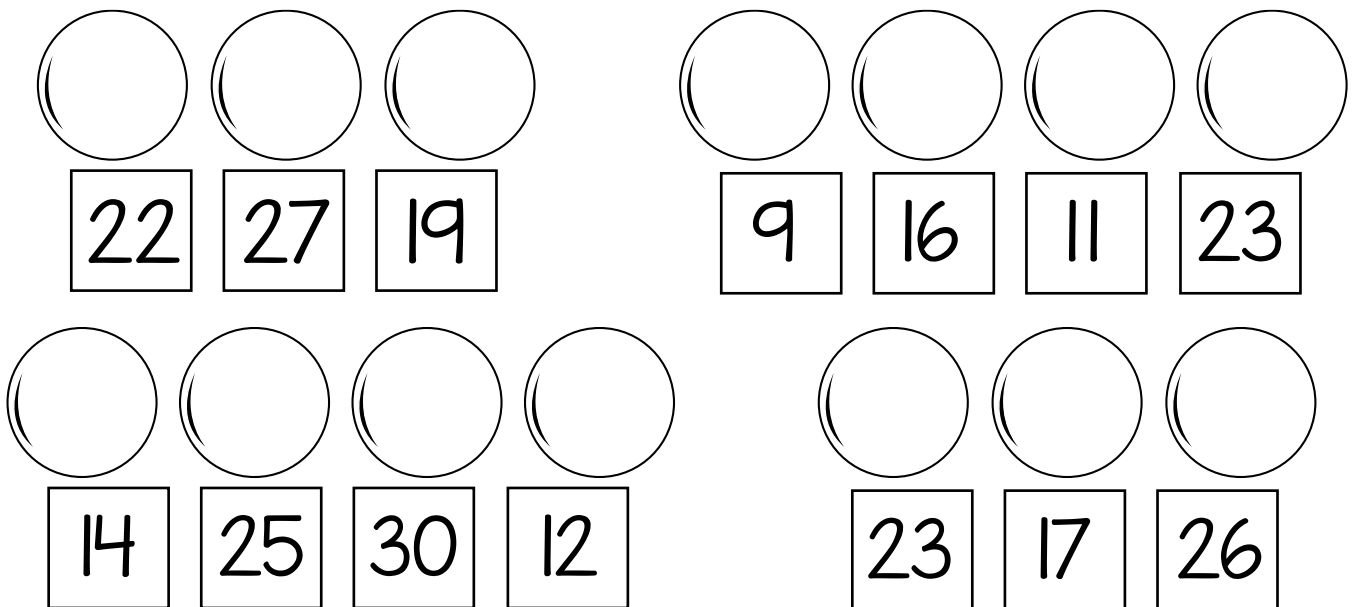
Write a number that is bigger.

Write a number that is smaller.

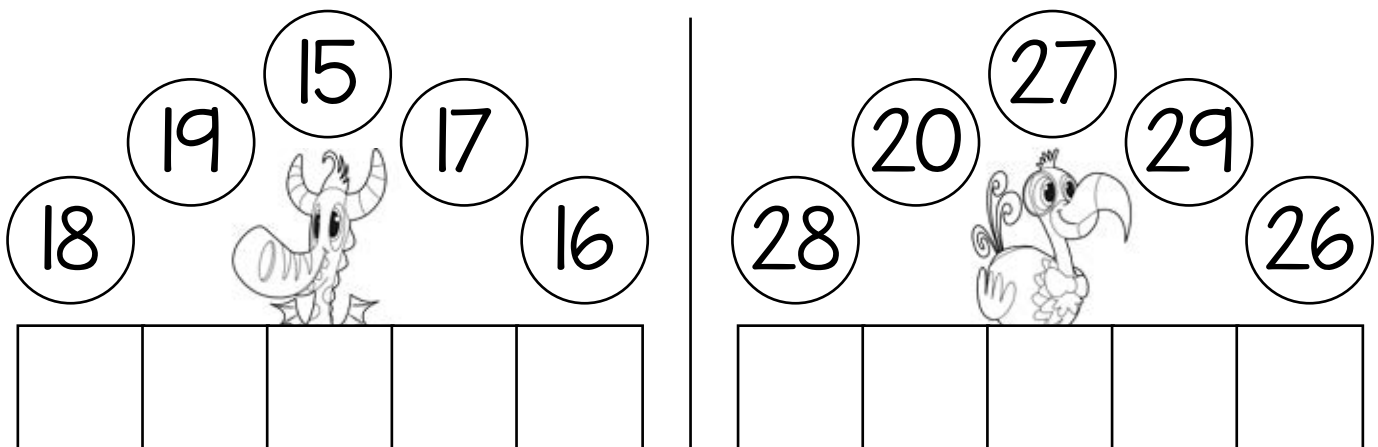
**3** Color the larger number.



**4** Order from largest to smallest.

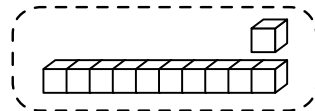


**5** Order from smallest to largest.





# Comparing tens and ones



I Use tens and ones blocks to make each pair of numbers.

- Draw them.
- Color the larger number.

20 and 15

tens	ones

tens	ones

13 and 22

tens	ones

tens	ones

18 and 24

tens	ones

tens	ones



23 and 12

tens	ones

tens	ones

# Count and compare

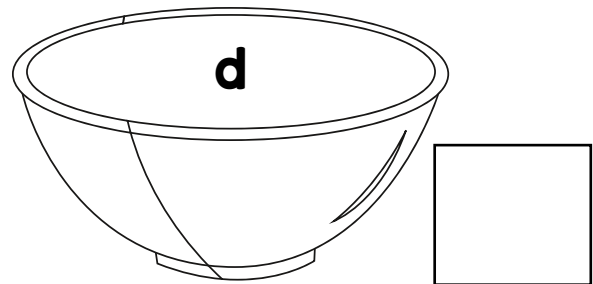
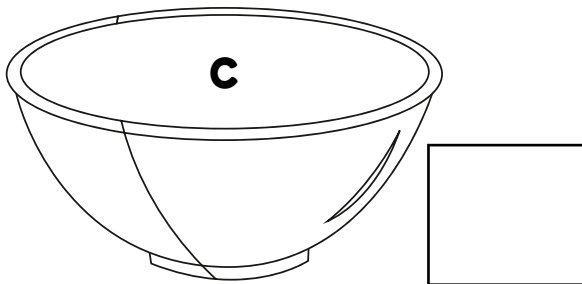
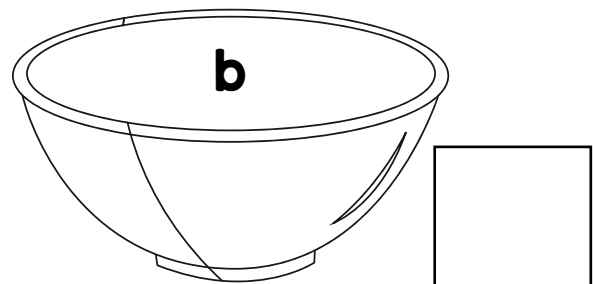
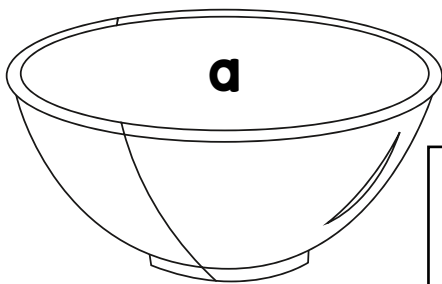
Practical

You will need 4 bowls marked a, b, c, d  and counters .

Put some counters in each bowl. Follow these rules:

- One bowl has the most.
- One bowl has the fewest.
- Two bowls have the same number.

1 Count. Write the number for each bowl.



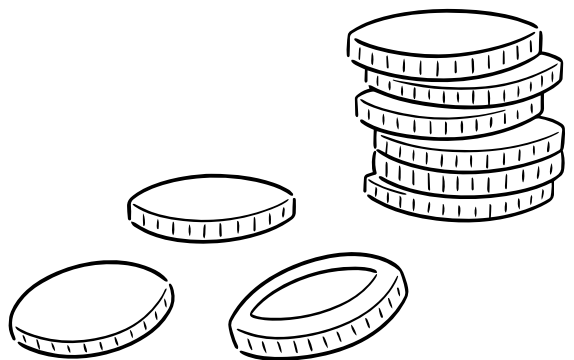
2 Complete.

Bowl  has the most.

Bowl  has the fewest.

Bowls  and  have the same.

How many groups of 10 can you make?



# Domino train

Activity

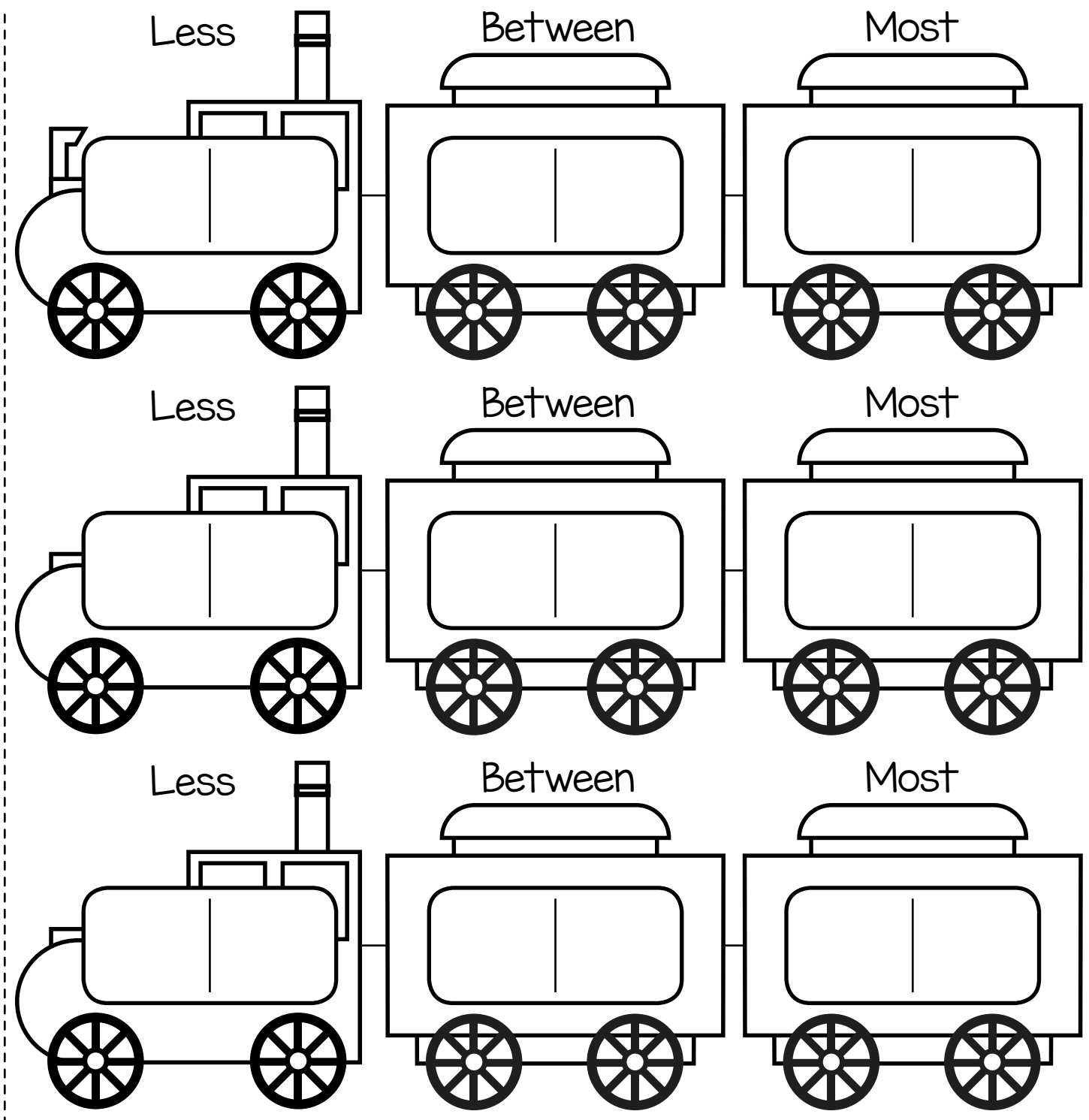
You will need dominoes  and a partner 😊.

Work with a partner to solve these domino trains.

Use real dominoes or draw your own.

Choose 3 dominoes to complete each train.

Draw your dominoes.

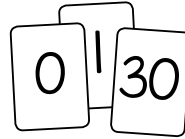


# Order!

Game

You will need

- 2 sets of cards numbered 0-30
- and a partner 😊.



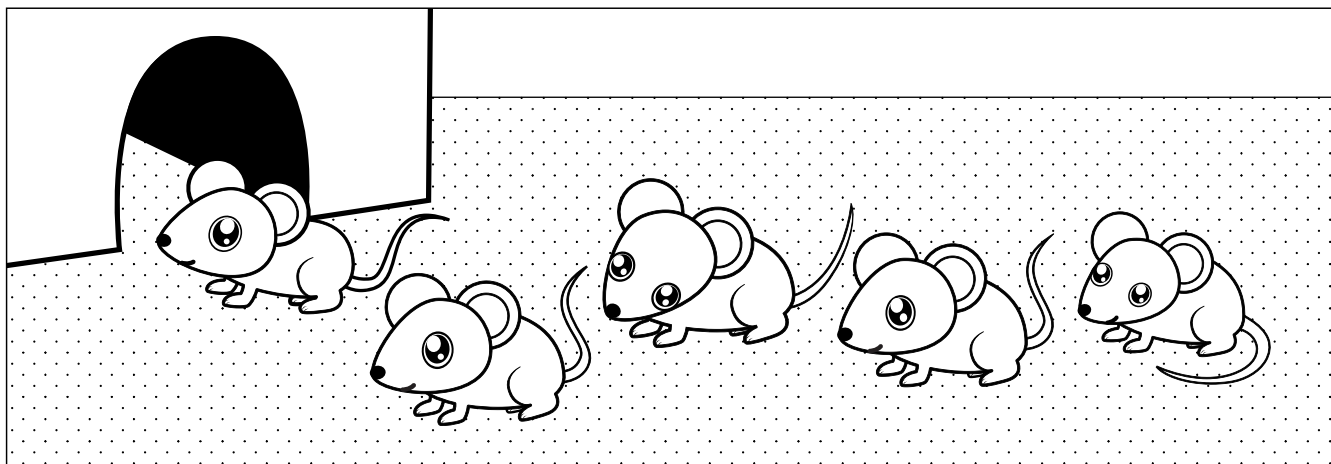
- 1 Shuffle your partner's cards. Give them back.
- 2 Start at the same time.
- 3 Line up the cards in order, starting from zero.
- 4 Say 'Order!' when you are finished.
- 5 The winner writes their name in the table.

Play games versus a new partner.

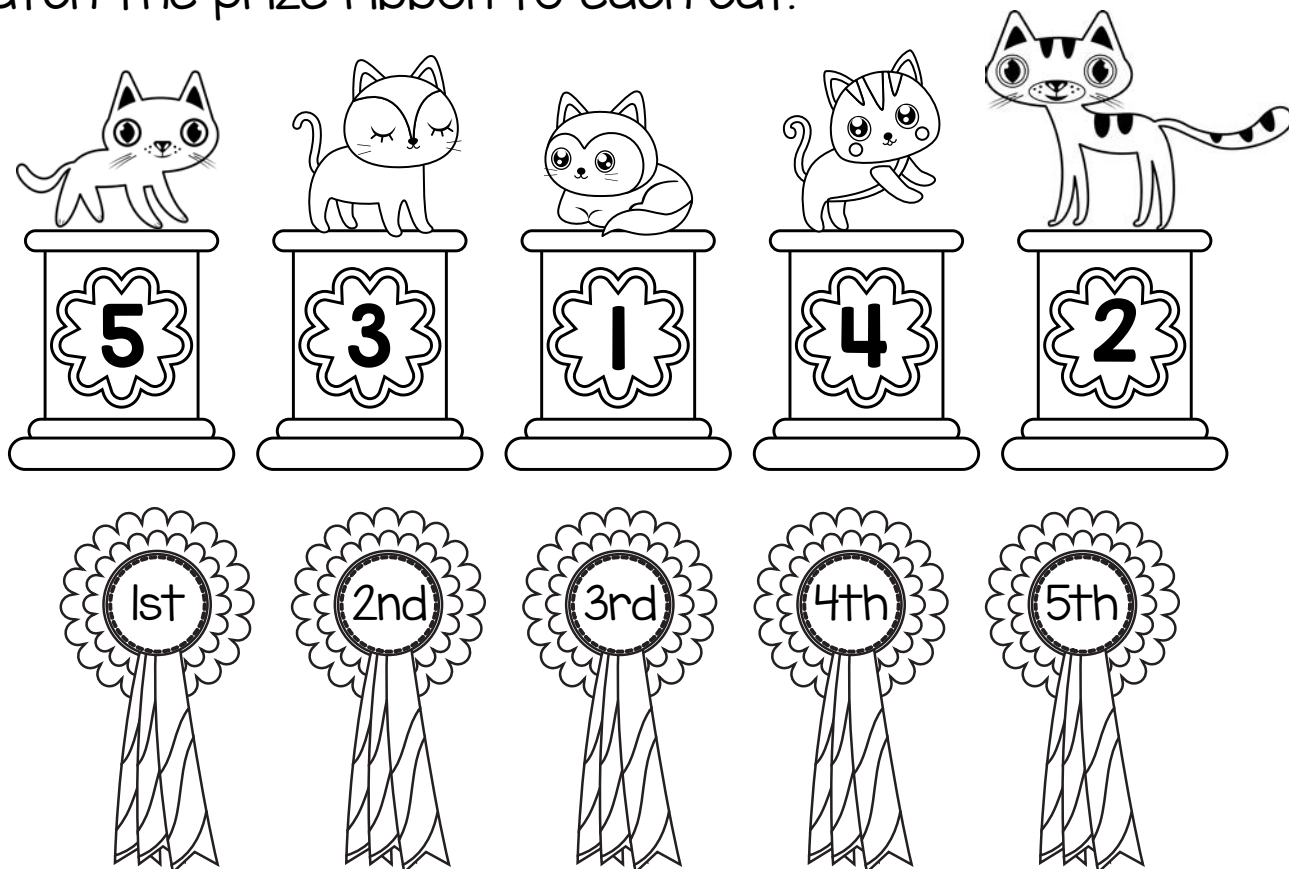
Game A	Name	Game B	Name
1		1	
2		2	
3		3	
4		4	
5		5	
6		6	
7		7	
8		8	

# Ordinal numbers 1st to 5th

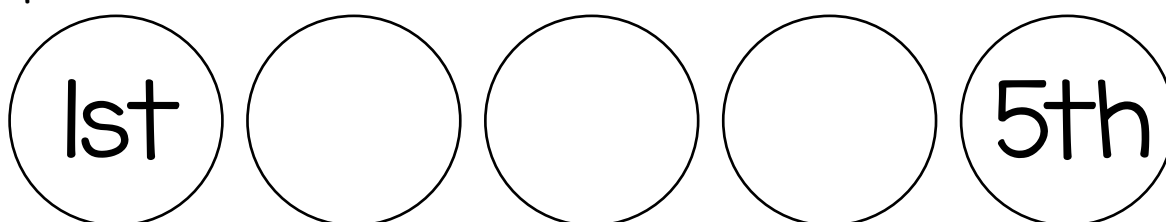
1 Color 1st red, 2nd yellow, 3rd pink, 4th blue, 5th green.



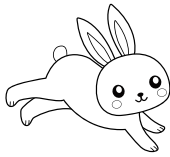
2 Match the prize ribbon to each cat.



3 Complete.



4 Draw a:



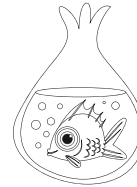
in 4th place.



in 3rd place.



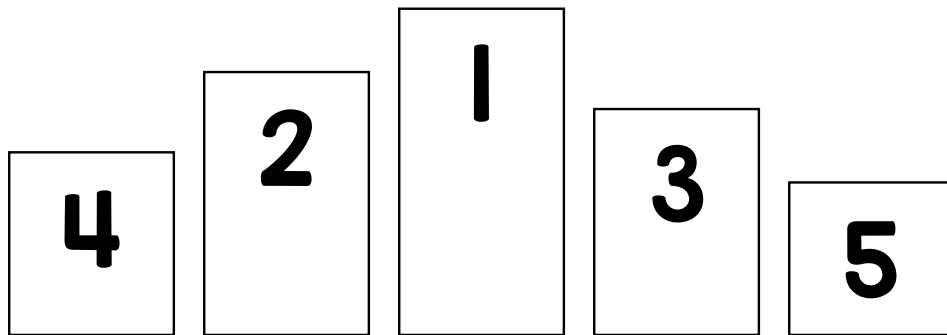
in 2nd place.



in 1st place.



in 5th place.



5 Complete.



3

Mango



5

Dizzy



1

Ruby



2

Waldo



4

Doc

Who came first? \_\_\_\_\_

Who came second? \_\_\_\_\_

Who came third? \_\_\_\_\_

Who came fourth? \_\_\_\_\_

Who came fifth? \_\_\_\_\_

# Ordinal numbers 1st to 10th

1 Match each word to its number.

first

second

third

fourth

fifth

3rd

4th

1st

5th

2nd

8th

6th

10th

7th

9th

sixth

seventh

eighth

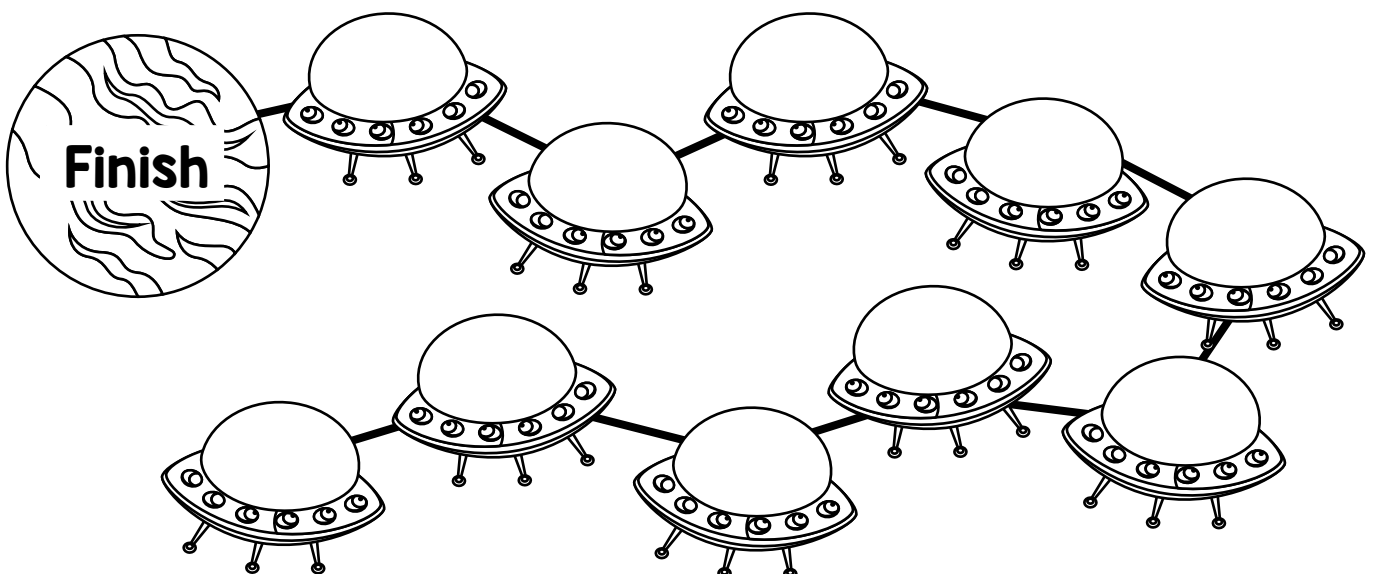
ninth

tenth

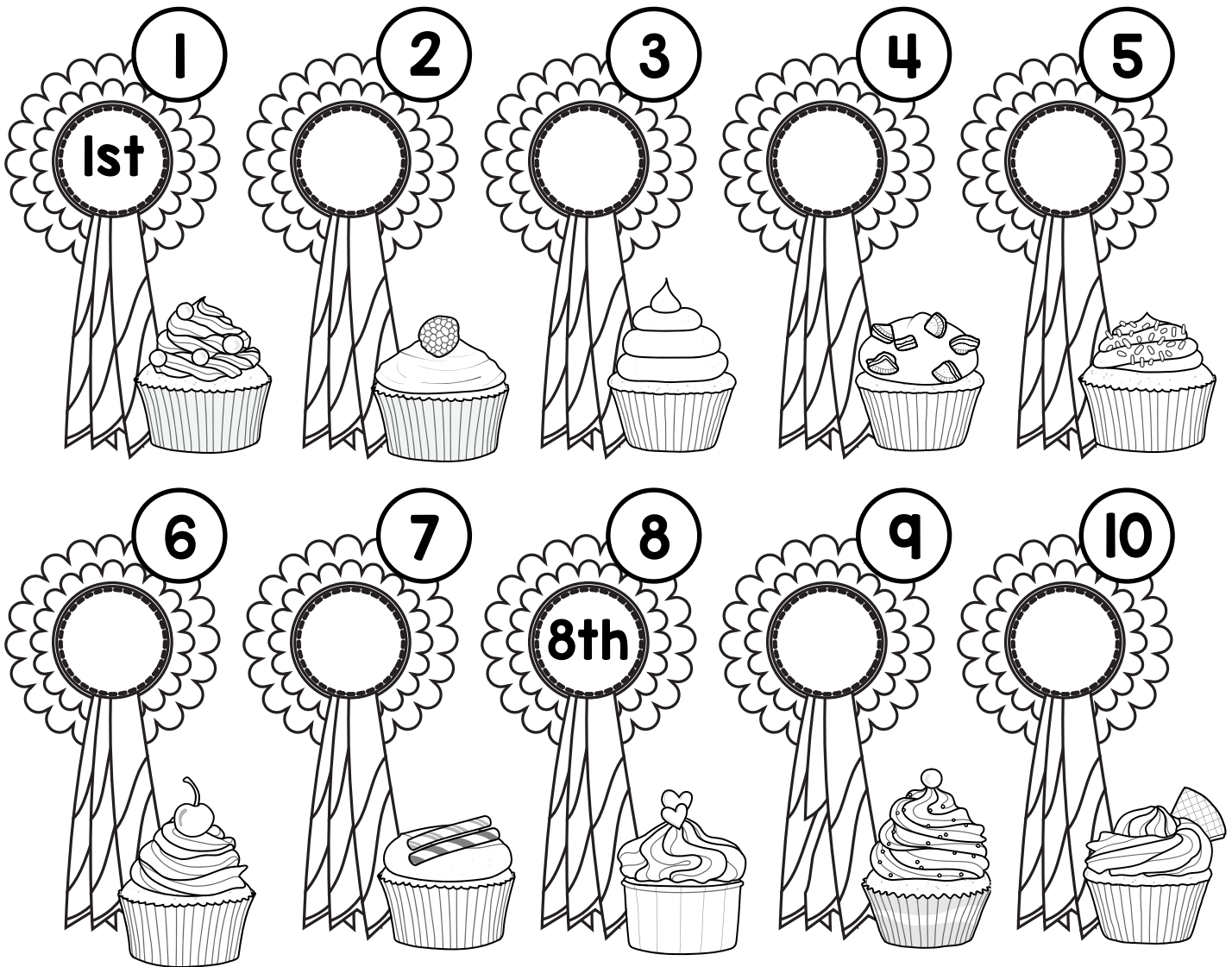
2 Color.

3rd and 6th green  
1st and 10th yellow  
5th and 7th red

2nd and 9th blue  
4th and 8th orange



3 Complete the prizes for the cake contest.



4 Circle the answers.

Which cake came first?



Which cake came last?



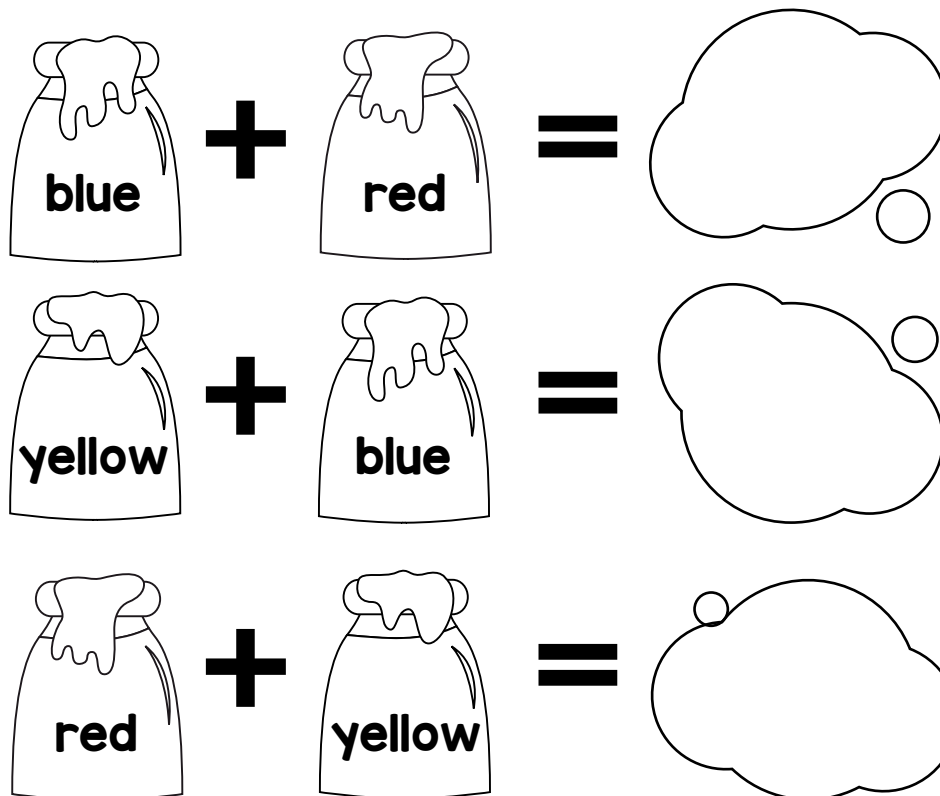
Which cake came fourth?



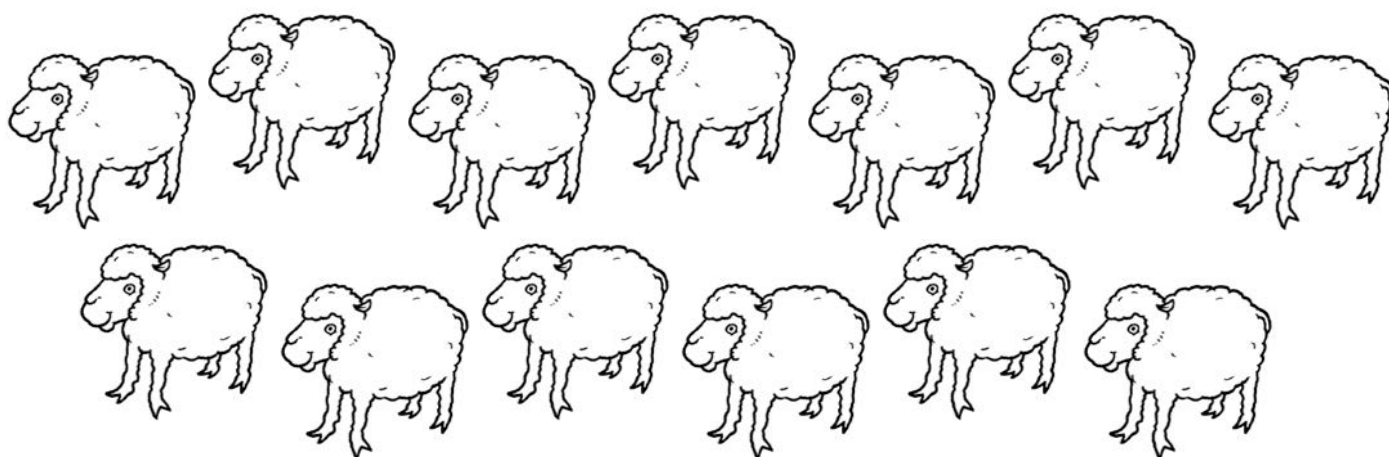


# Colors

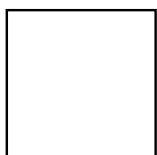
1 Color the paint pots. Then color the answer.



2 Color: 2 red sheep, 2 blue sheep, 3 orange sheep, 3 green sheep, 1 yellow sheep, 2 purple sheep.



3 How many sheep?

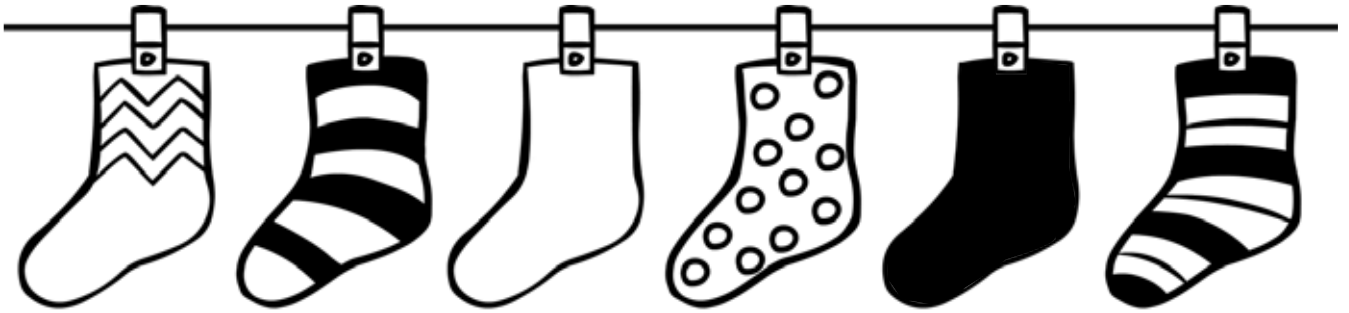


4 Write the number word.

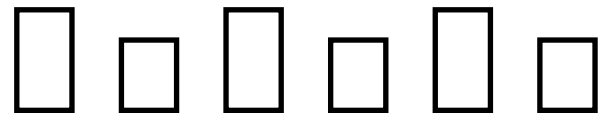
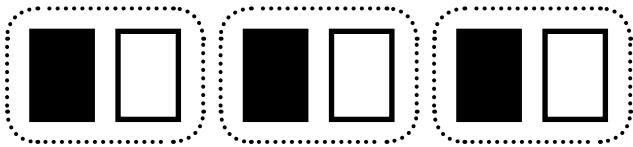


# Finding patterns

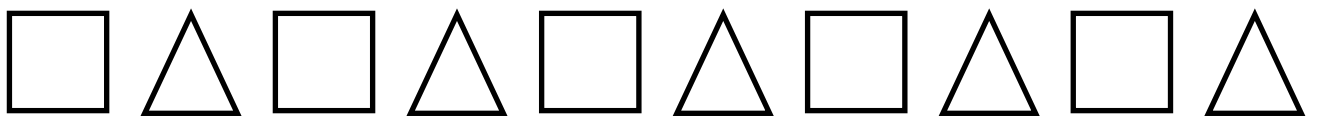
1 Color the socks with patterns on them.



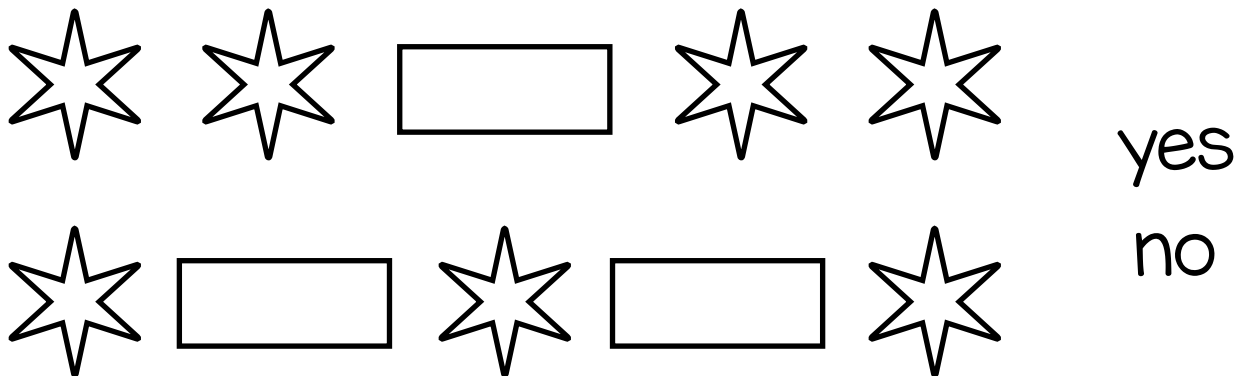
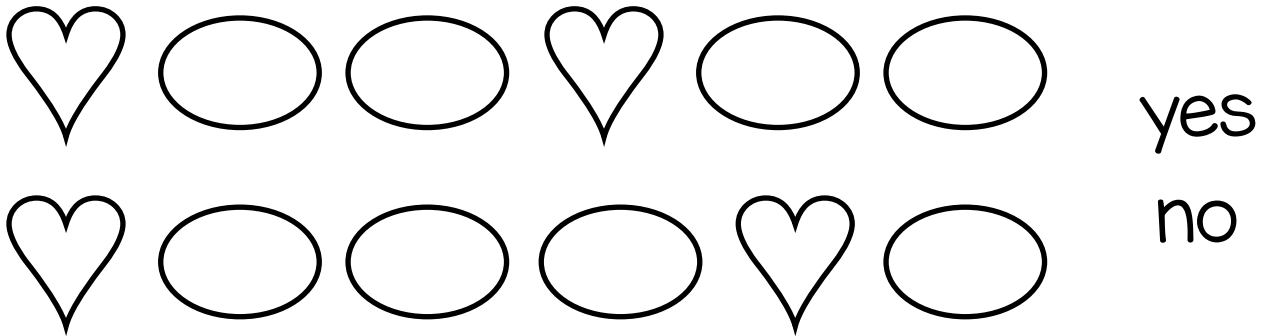
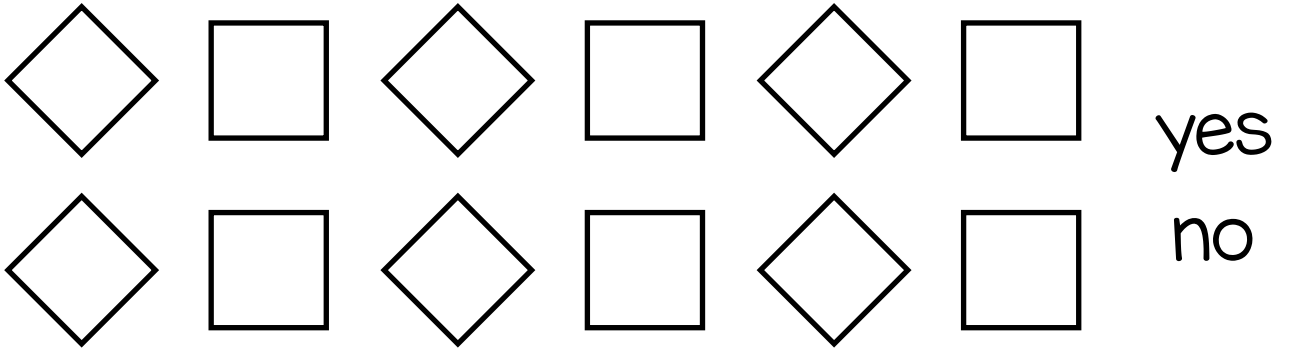
2 Circle the patterns. Color them.



3 Which lines show a pattern? Color the patterns.



4 Are these patterns the same? Circle yes or no.

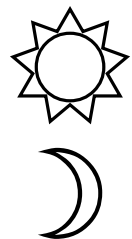
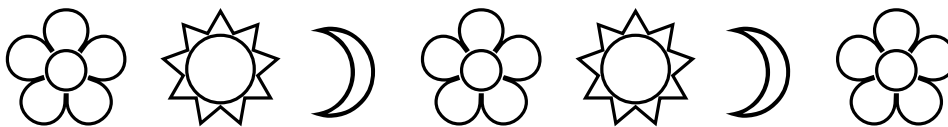
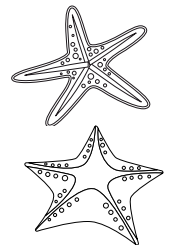
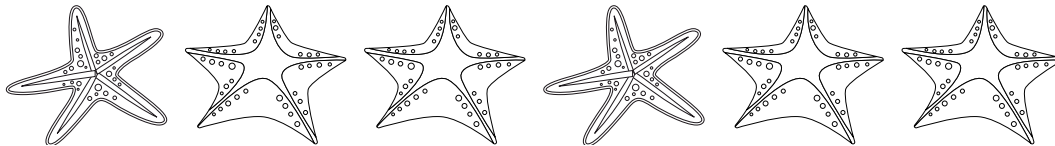
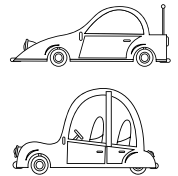
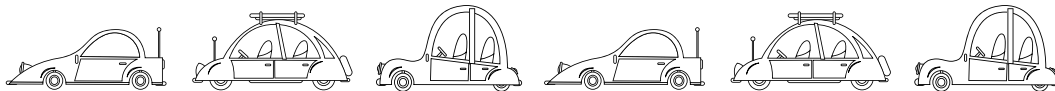
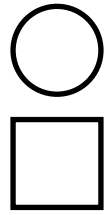
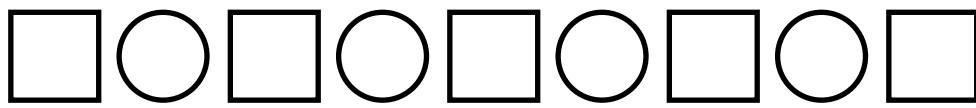


5 Copy the pattern. Draw the next shape.

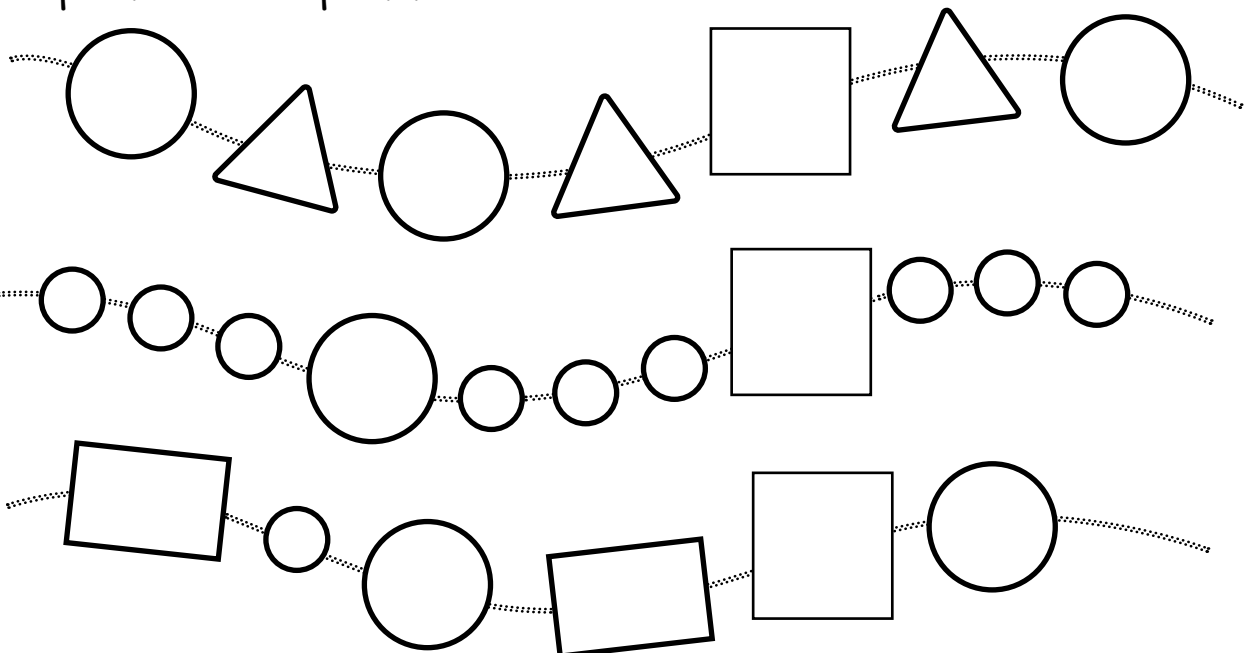


# Completing patterns

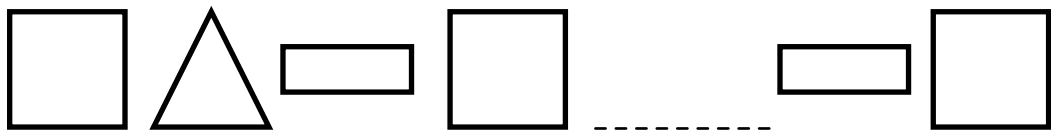
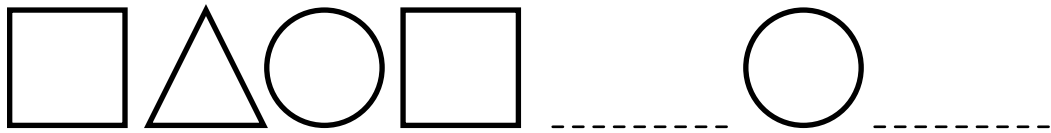
1 Circle the picture that completes each pattern.



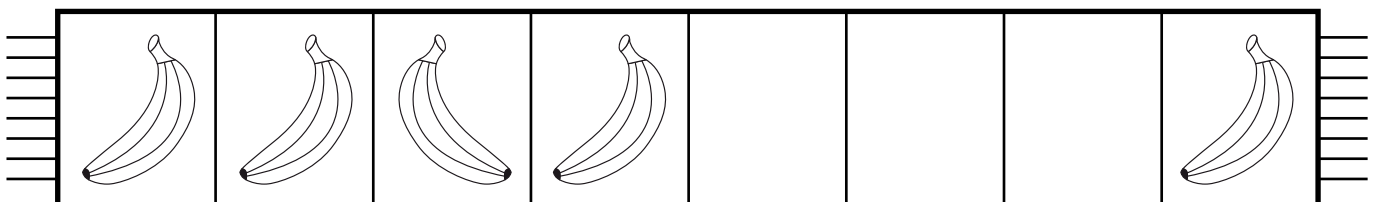
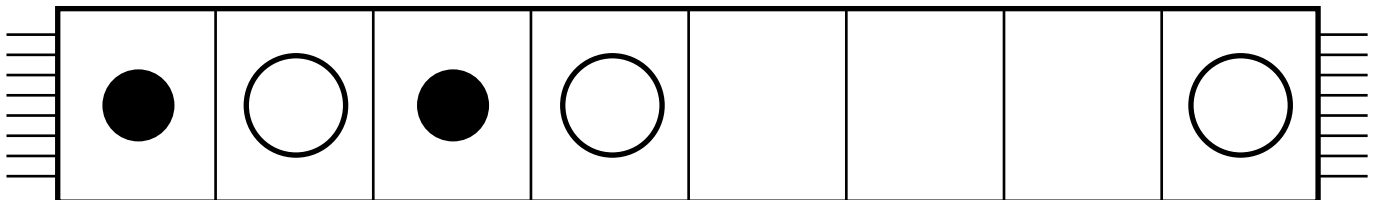
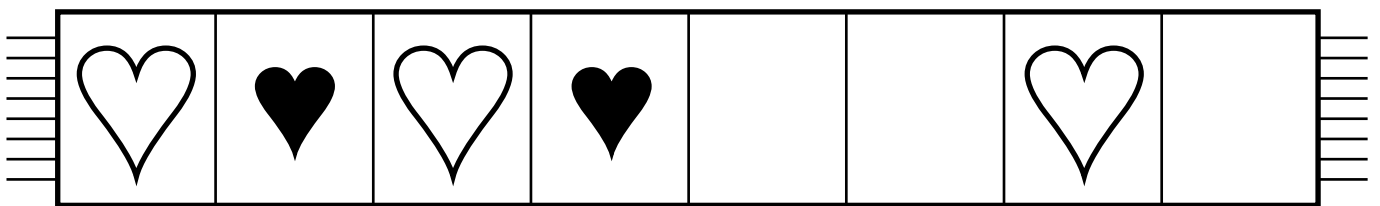
2 Complete each pattern.



3 Draw the missing shapes in each row.

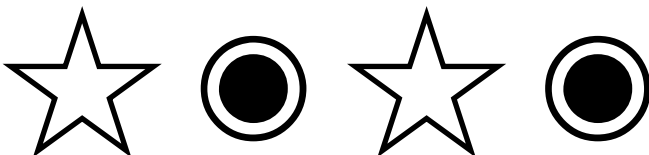
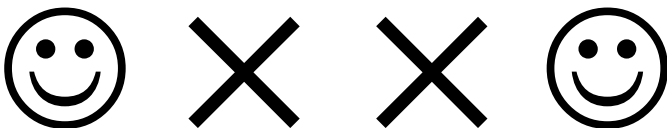
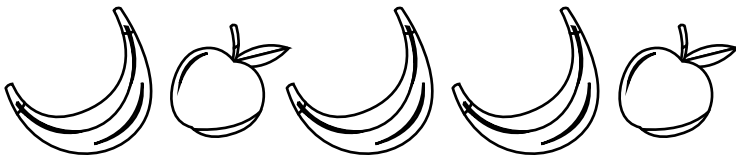
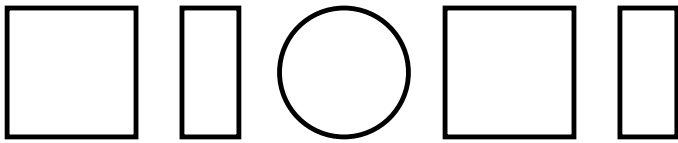
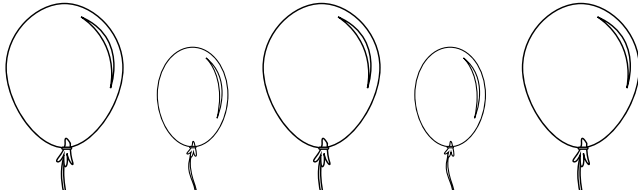
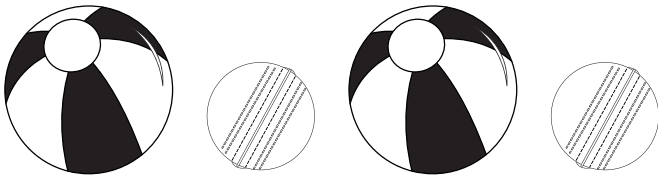


4 Complete Doc's patterns.

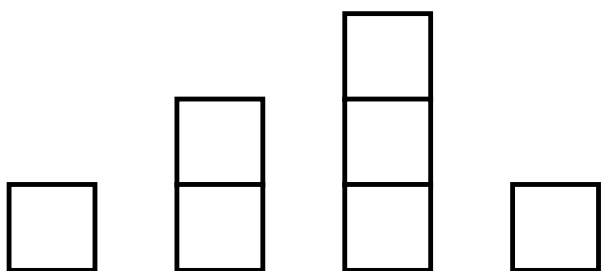
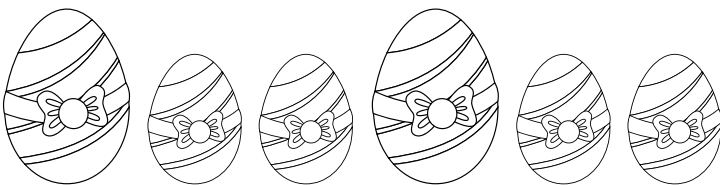
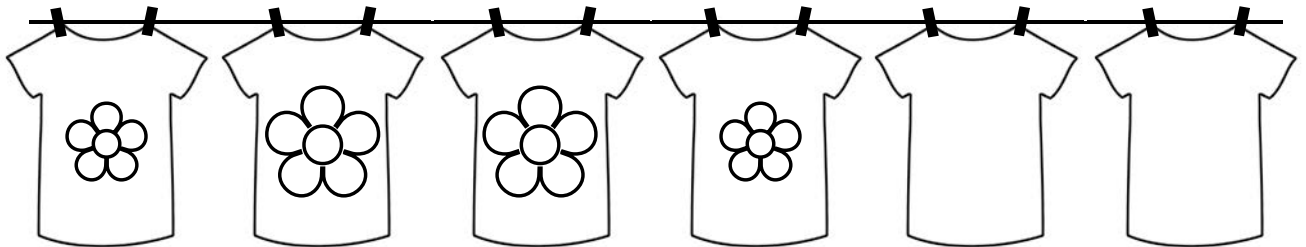
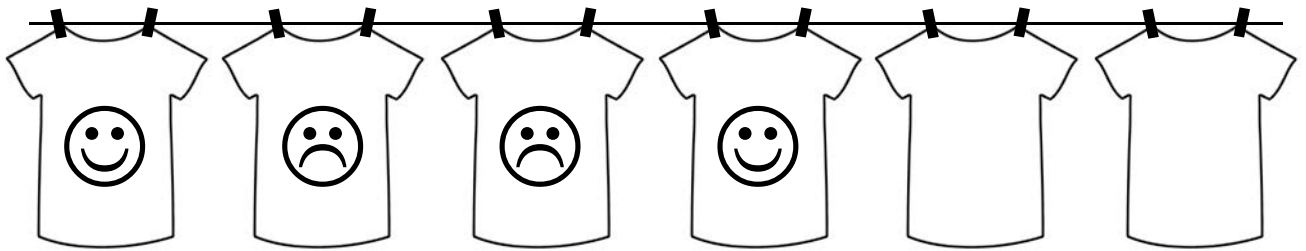
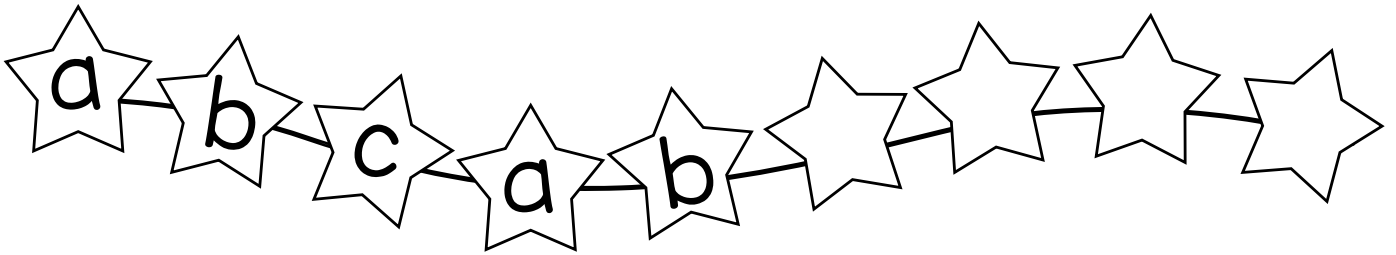
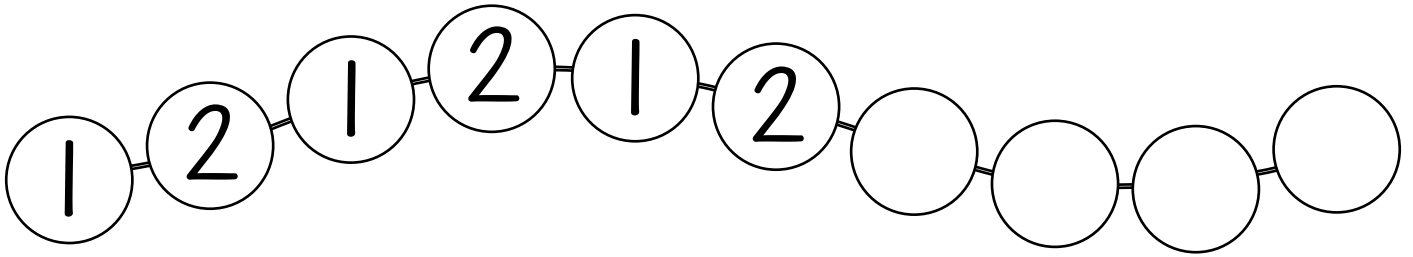


# Continuing patterns

I Draw the next 3 items in the pattern.

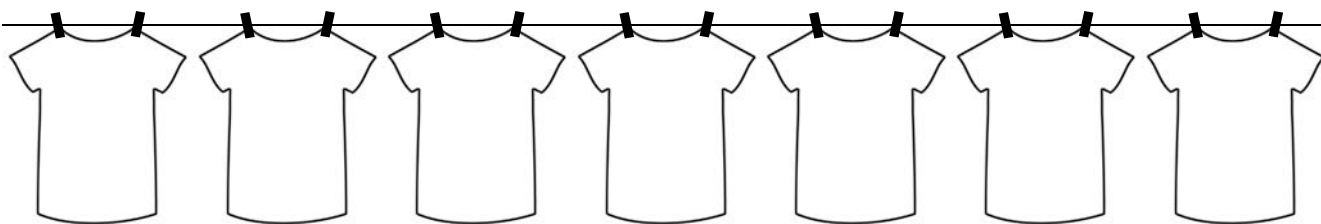
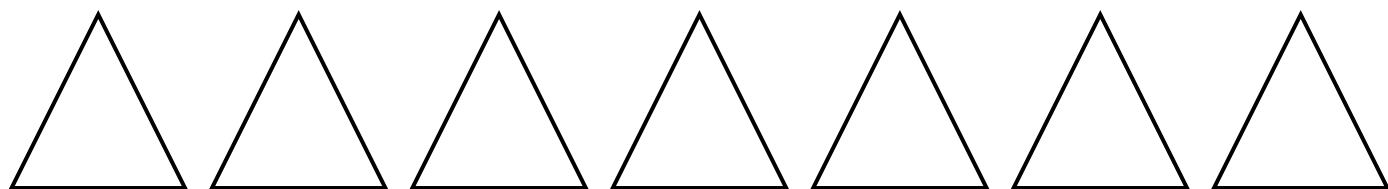
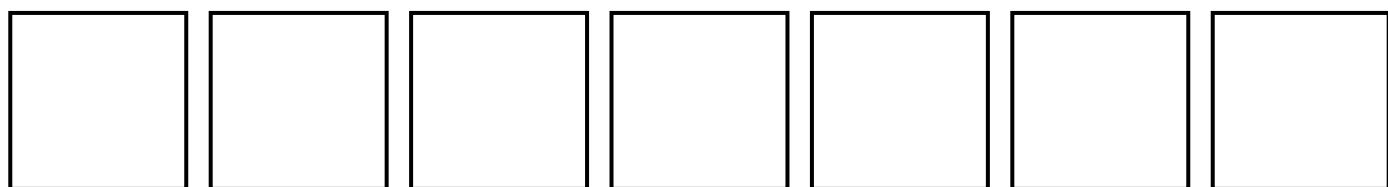
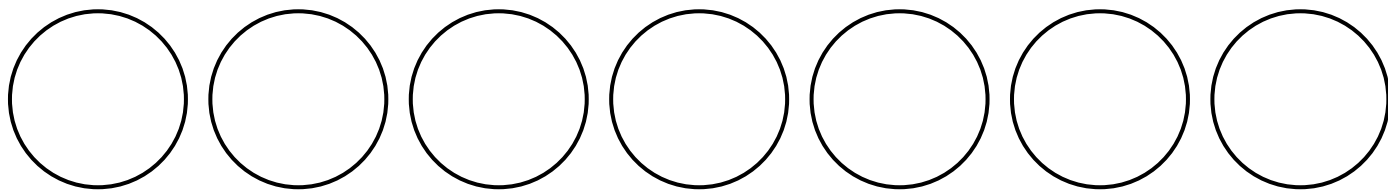


**2** Continue the pattern.

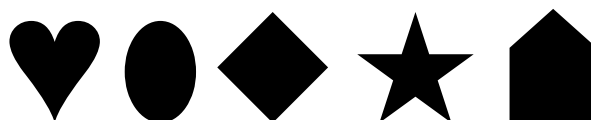


# Making patterns

1 Color your own patterns.



2 Make shape patterns using these shapes.





### 3 Color the scarf using each color pattern.

red, yellow

--	--	--	--	--	--	--	--	--	--	--	--

red, red, yellow

--	--	--	--	--	--	--	--	--	--	--	--

red, yellow, yellow

--	--	--	--	--	--	--	--	--	--	--	--

red, yellow, green

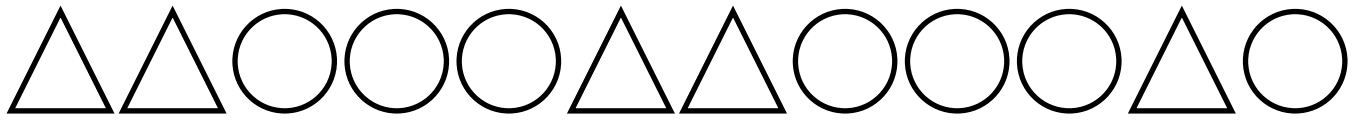
--	--	--	--	--	--	--	--	--	--	--	--

### 4 Color your own pattern.

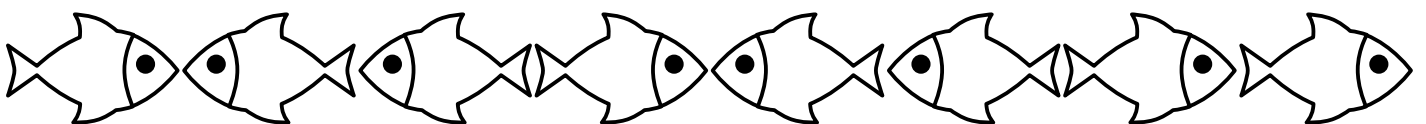
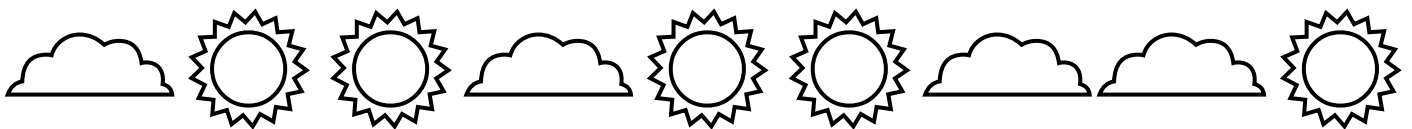
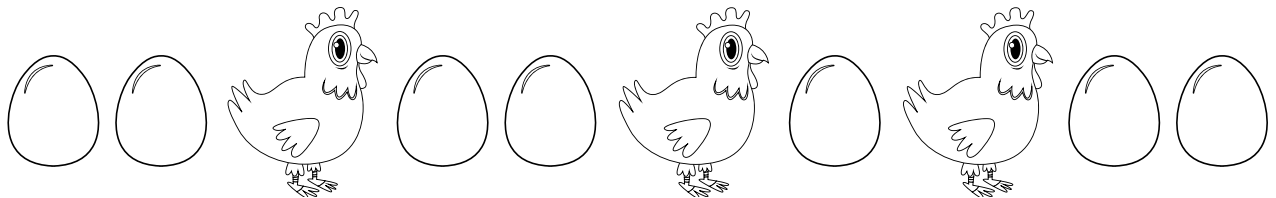
--	--	--	--	--	--	--	--	--	--	--	--

# Fixing and describing patterns

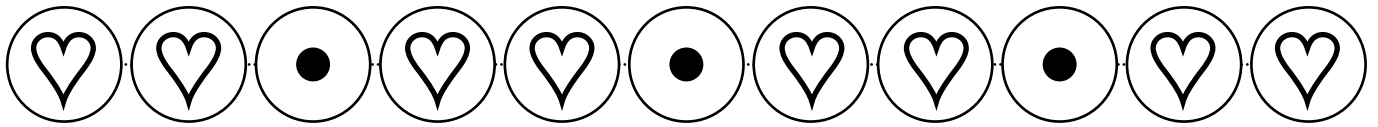
I Fix each pattern. Circle what is wrong.



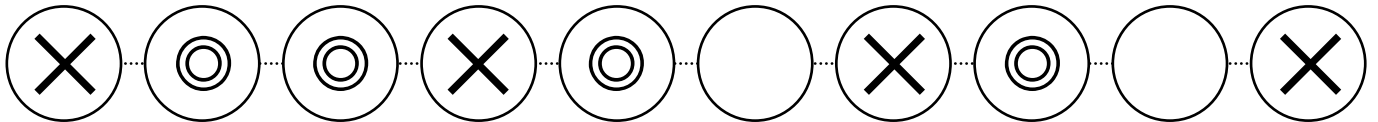
Draw the pattern correctly.



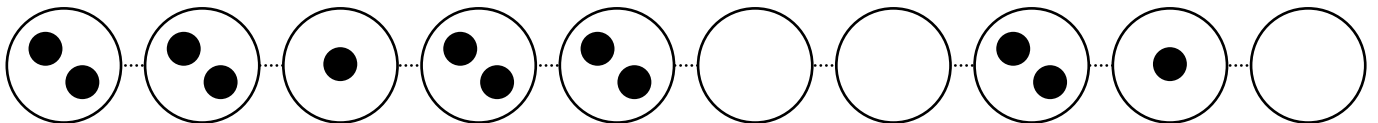
The pattern on these beads is always ♥♥●.



**2** Draw the missing beads.

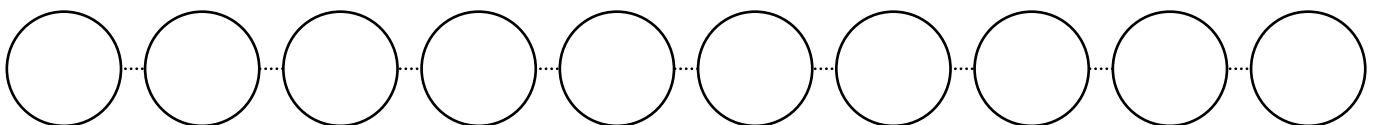


Describe the pattern.



Describe the pattern.

**3** Draw your own pattern.



Describe the pattern.

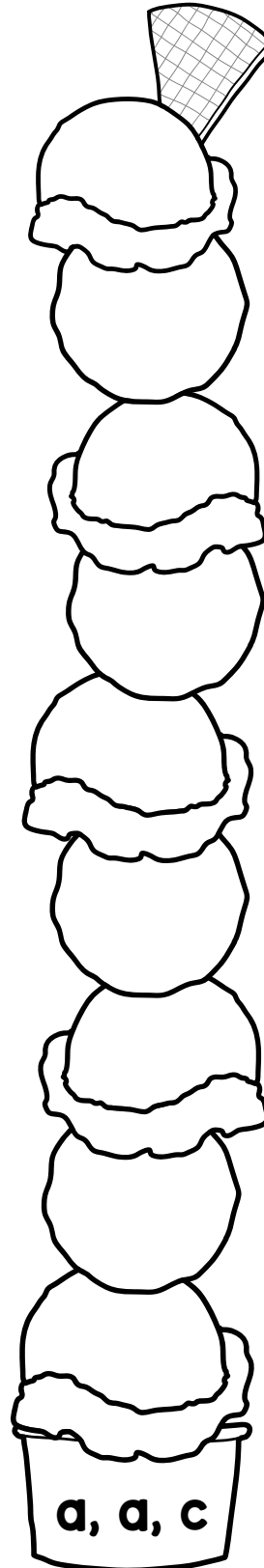
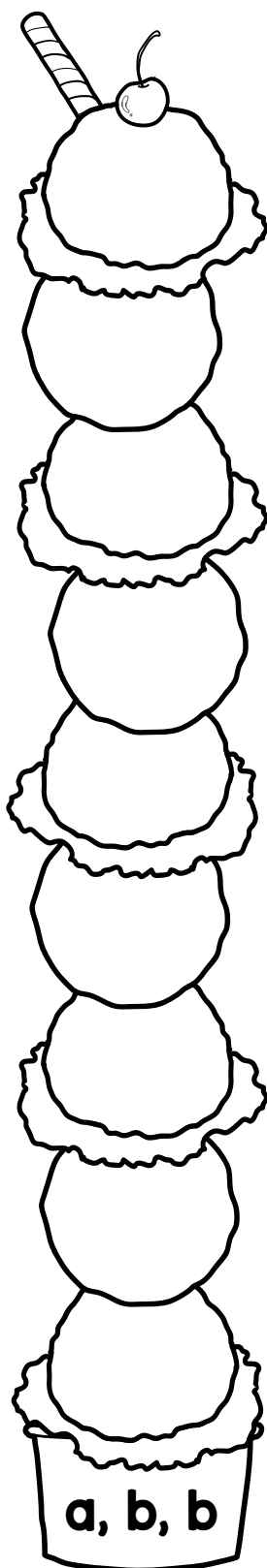
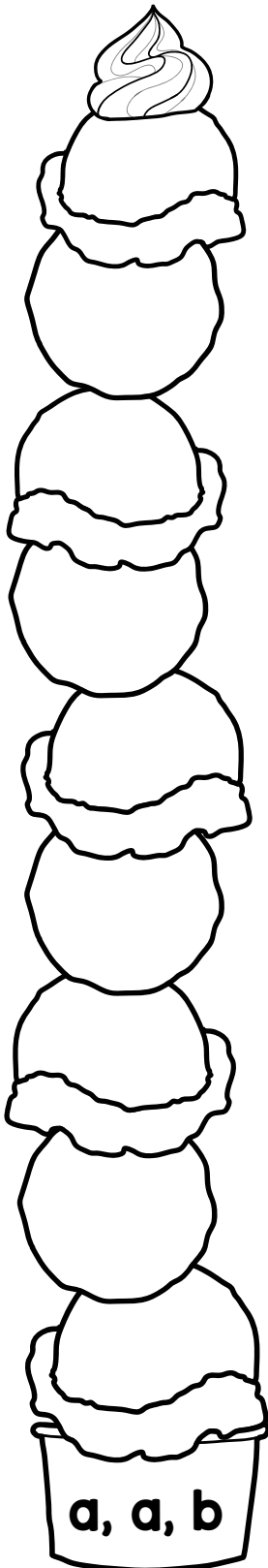
# Ice cream patterns

Investigate

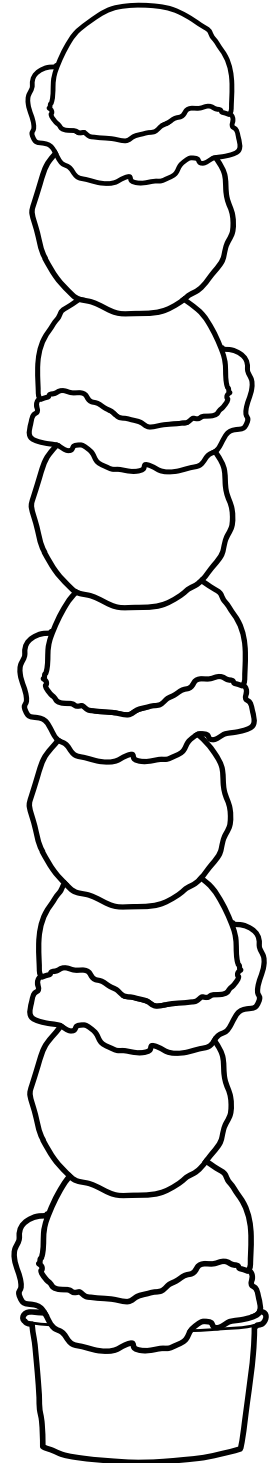
Ice cream flavours:

**a**pple = green, **b**anana = yellow, **c**hocolate = brown.

Color the ice creams. Follow the pattern.



Your pattern.



Describe your pattern.

# What comes next?

## Activity

Draw the pictures to complete each pattern.

