

Operations



My Name

Mathseeds Operations Grade K Student Book

ISBN: 978-1-74215-375-9

Copyright © Blake eLearning 2020

Blake Publishing
Locked Bag 2022
Glebe NSW 2037
www.blake.com.au

Publisher: Katy Pike
Written by Sara Leman
Design and layout by the Modern Art Production Group

Reproduction and communication for educational purposes

The Australian *Copyright Act 1968 (Cth)* (the Act) allows a maximum of one chapter or 10% of the pages of this work, whichever is the greater, to be reproduced and/or communicated by any educational institution for its educational purposes provided that the educational institution (or the body that administers it) has given a remuneration notice to **Copyright Agency Limited (CAL)** under the Act. For details of the CAL licence for educational institutions contact:

Copyright Agency
Level 12, 66 Goulburn Street
Sydney NSW 2000
Australia
Phone: +612 9394 7600
Fax: +612 9394 7601
E-mail: memberservices@copyright.com.au

Reproduction and communication for other purposes

Except as permitted under Australian *Copyright Act 1968 (Cth)* (the Act), for example a fair dealing for the purposes of study, research, criticism or review,) no part of this book may be reproduced, stored in a retrieval system, communicated or transmitted in any form or by any means without prior written permission. All inquiries should be made to the publisher at the address above.

All material identified as **Australian Curriculum** is material subject to copyright under the Act and is owned by the Australian Curriculum, Assessment and Reporting Authority (ACARA) 2019. For all Australian Curriculum material, this is an extract from the Australian Curriculum.

Disclaimer: ACARA neither endorses nor verifies the accuracy of the information provided and accepts no responsibility for incomplete or inaccurate information. In particular, ACARA does not endorse or verify that:

- The content descriptions are solely for a particular year and subject;
- All the content descriptions for that year and subject have been used; and
- The author's material aligns with the Australian Curriculum content descriptions for the relevant year and subject.

You can find the unaltered and most up to date version of this material at <http://www.australiancurriculum.edu.au>
This material is reproduced with the permission of ACARA.

Contents

Topic 1: Addition to 7

Page	Date Completed
1 • Add to 5	/ /
3 • Making 5	/ /
4 • Number sentences	/ /
6 • Word problems 1	/ /
7 • Pitstop addition (game)	/ /
8 • Add to 6	/ /
10 • Find the total	/ /
11 • Number sentences	/ /
12 • Word problems 2	/ /
13 • Bunny hops	/ /
14 • Add to 7	/ /
17 • Number sentences	/ /
18 • Problem solving	/ /
19 • Make 7	/ /

Topic 2: Addition to 10

Page	Date Completed
20 • Add to 10	/ /
22 • Making 10	/ /
23 • Rainbow facts to 10	/ /
24 • Adding money	/ /
25 • Bubble addition	/ /
26 • Ten Frame Addition	/ /
28 • Ways to make 10	/ /
29 • Cookies	/ /
30 • Number Line Addition	/ /
32 • Adding 3 groups	/ /
34 • Word problems 3	/ /
35 • Go bananas	/ /
36 • Doubles to 10	/ /
39 • Doubles match-up	/ /

Contents

Topic 3: Subtraction

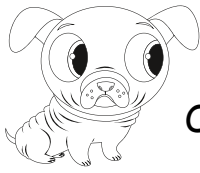
Page	Date Completed
40 • Subtraction stories	/ /
41 • Take away cubes	/ /
42 • How many left?	/ /
43 • Cross out to take away	/ /
46 • Word problems 4	/ /
47 • 4 fish	/ /

Topic 4: Sharing

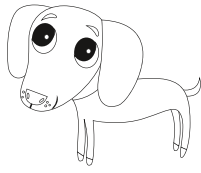
Page	Date Completed
48 • Cupcakes	/ /
49 • Equal shares	/ /
50 • Blocks	/ /
51 • Clothes	/ /
52 • Party time!	/ /
53 • Word problems 5	/ /
54 • Problem solving	/ /
55 • Fair share	/ /

Add to 5

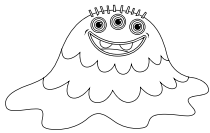
1 Count. Write the answer.



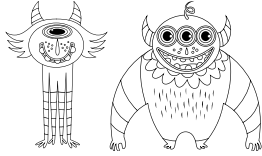
and



makes



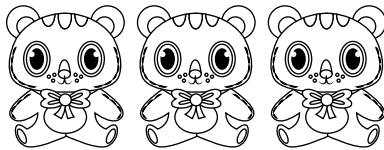
and



makes



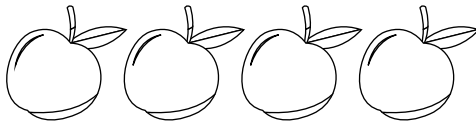
and



makes

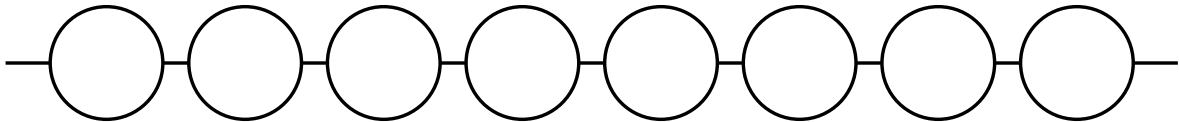


and



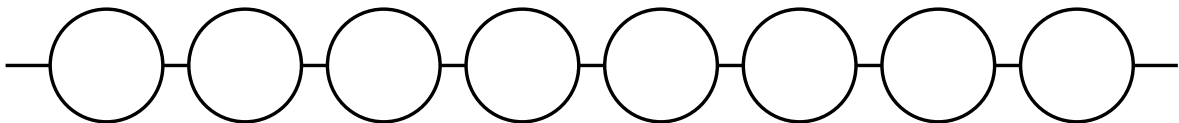
makes

2 Colour and add.



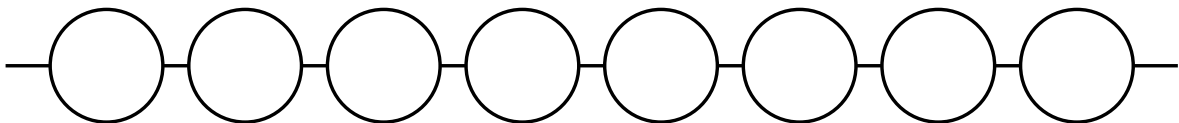
and

makes



and

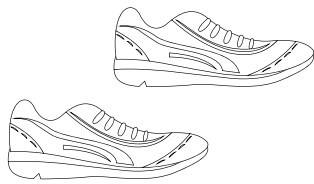
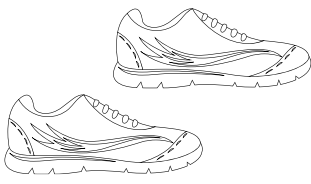
makes





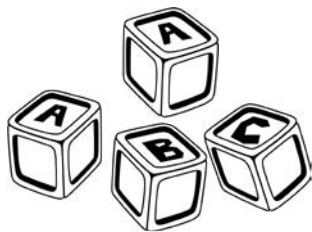

and

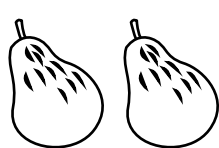
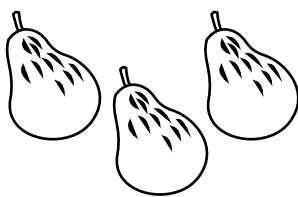
makes

3 Count and add.


 $+$

 $=$
 and makes

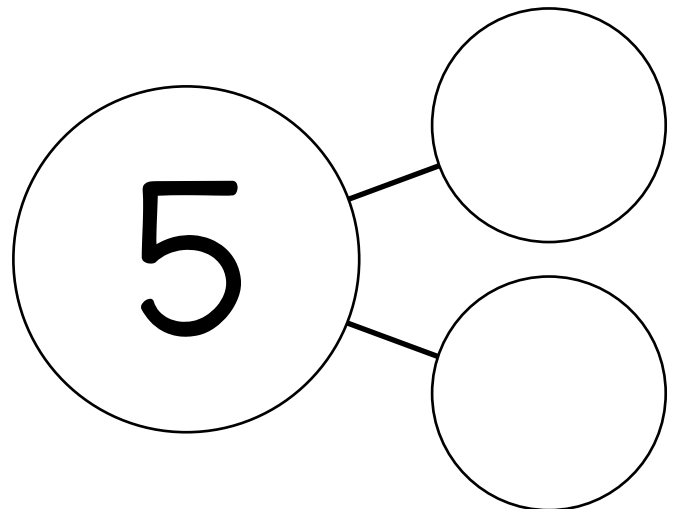
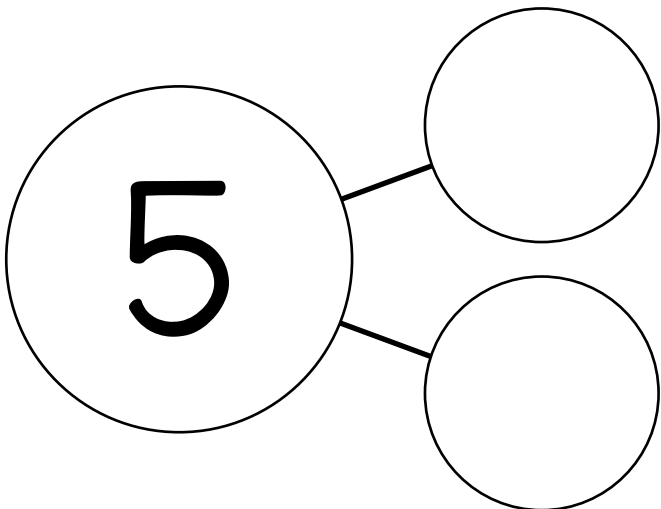
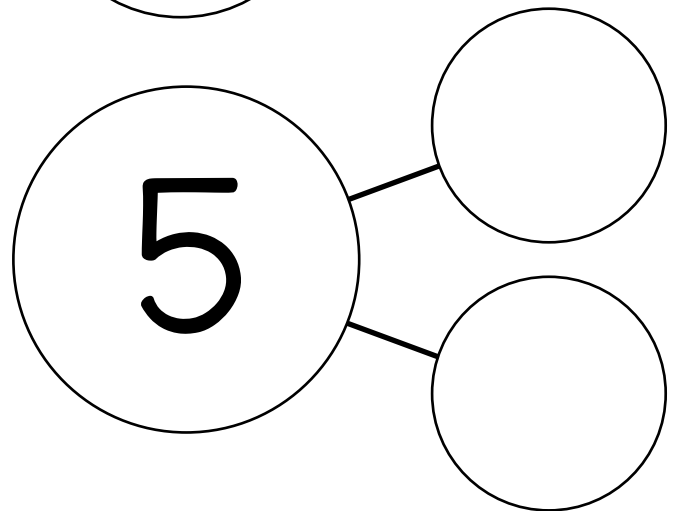
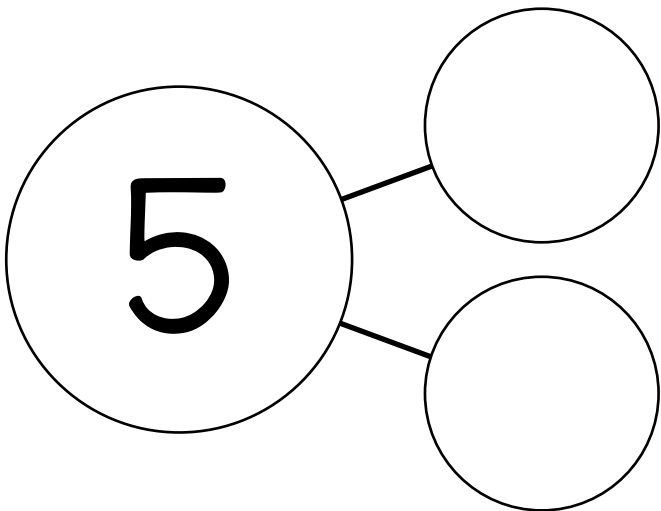
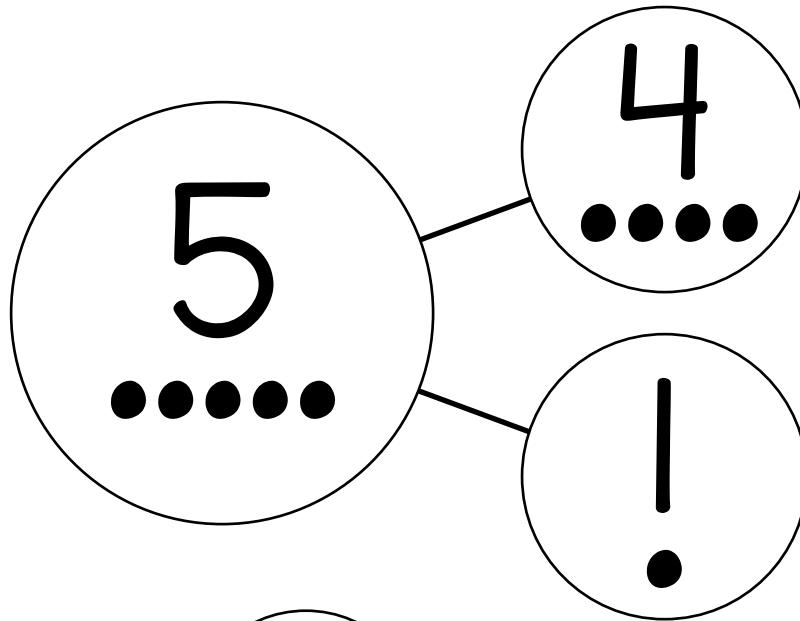

 $+$

 $=$
 and makes


 $+$

 $=$
 and makes


 $+$

 $=$
 and makes

Making 5

How many different ways can you make 5?



I made different ways.

Number sentences

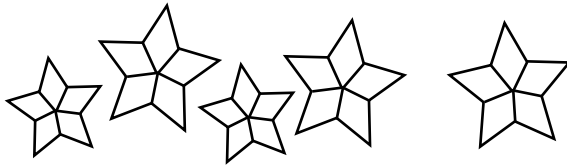
addition sign +

equals sign =

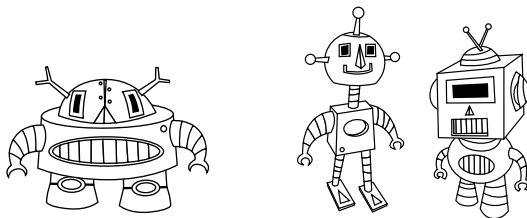
Count and add.



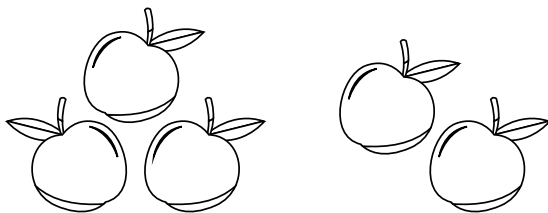
$$\boxed{1} + \boxed{1} = \boxed{}$$



$$\boxed{} + \boxed{} = \boxed{}$$

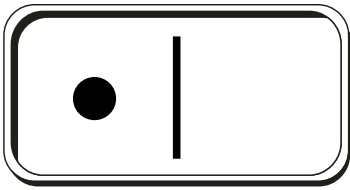


$$\boxed{} + \boxed{} = \boxed{}$$

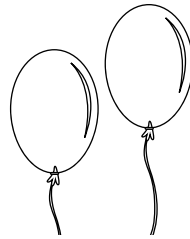


$$\boxed{} + \boxed{} = \boxed{}$$

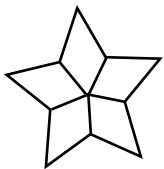
2 Draw and add to find the total.



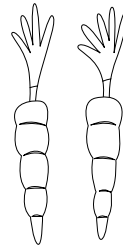
$$1 + 4 = \square$$



$$2 + 2 = \square$$



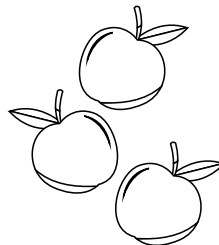
$$1 + 1 = \square$$



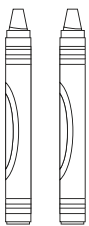
$$2 + 1 = \square$$



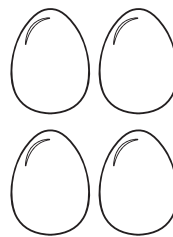
$$1 + 3 = \square$$



$$3 + 2 = \square$$



$$2 + 0 = \square$$



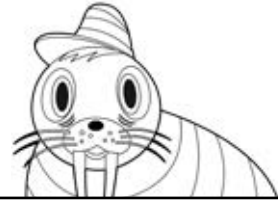
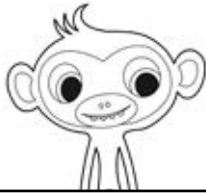
$$4 + 1 = \square$$

Word problems 1

Word problems +



1 Mango has 3 bananas. Waldo has 2 bananas.



Draw.

How many  altogether?

2 Doc has 2 pencils. Dizzy has 1 pencil.



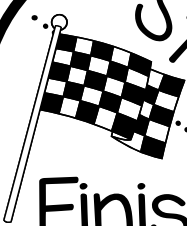
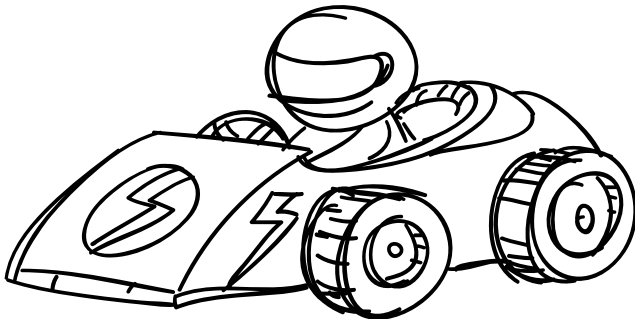
Draw.

How many  altogether?

Pitstop addition

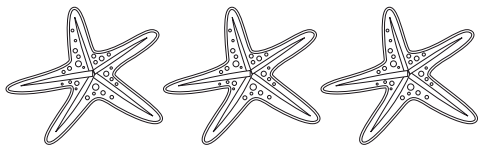
Game

You will need a die , counters  and a partner .

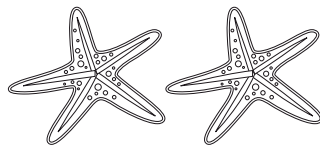
 Start Finish	$2 + 2 = \longrightarrow 4 + 0 =$	$3 + 2 =$
$1 + 3 =$	<div><h3>HOW TO PLAY</h3><ol style="list-style-type: none"><u>1</u> Both players put their markers on the 'Start'.<u>2</u> Take it in turns.<u>3</u> Each player solves the addition sum on the 'pitstop' they land on.<u>4</u> Check other's answers. Move back one place if you get it wrong.<u>5</u> The winner is the first to reach the 'Finish' line.</div>	$1 + 4 =$
$3 + 0 =$		$5 + 0 =$
\uparrow		\downarrow
$1 + 1 =$		$3 + 1 =$
$2 + 1 =$		$1 + 2 =$
$1 + 0 =$	$4 + 1 =$	$2 + 3 = \longleftarrow 2 + 0 =$

Add to 6

1 Count to find the total.



and



makes



and



makes

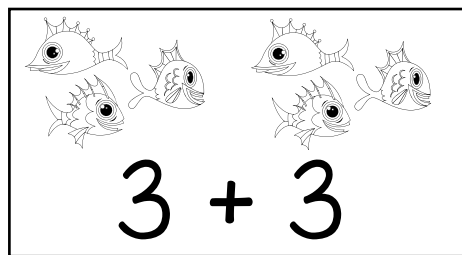


and

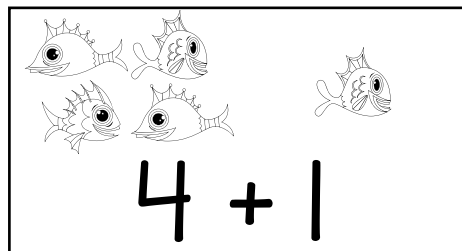


makes

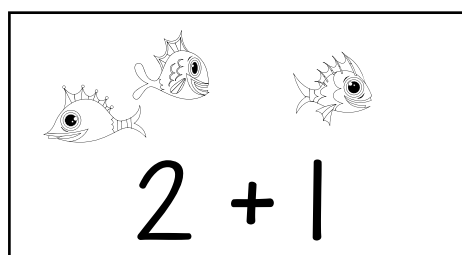
2 Join Waldo's sums to the answers.



3

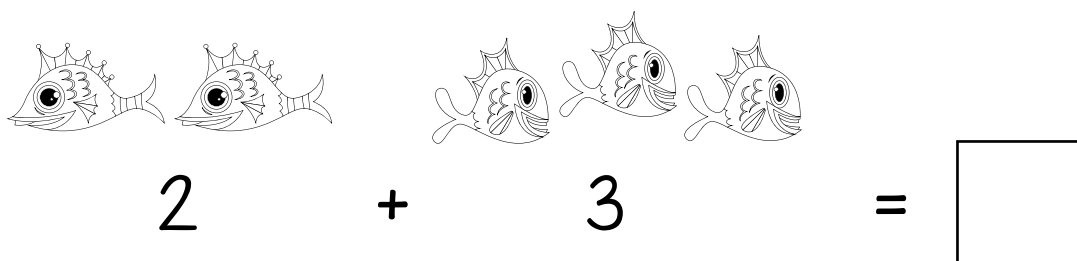
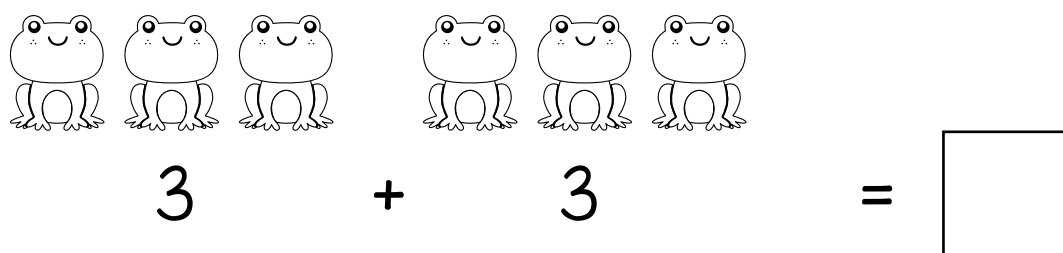
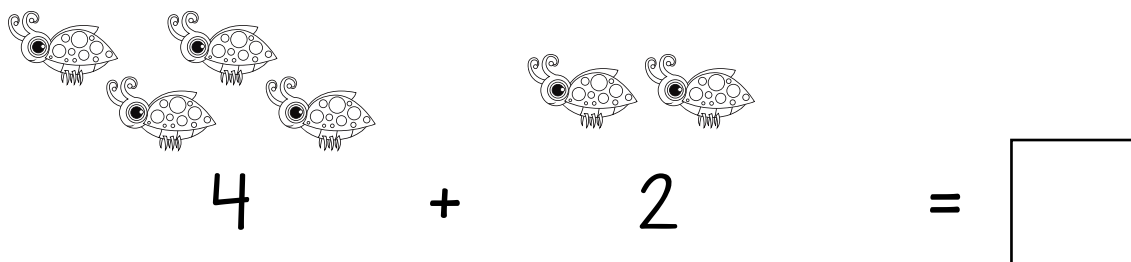
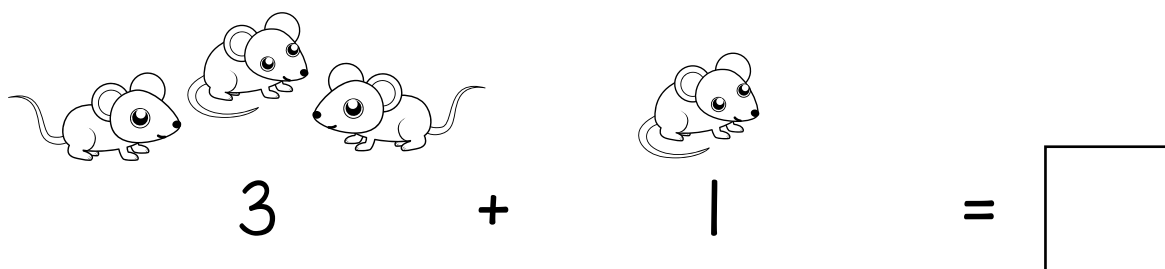


6

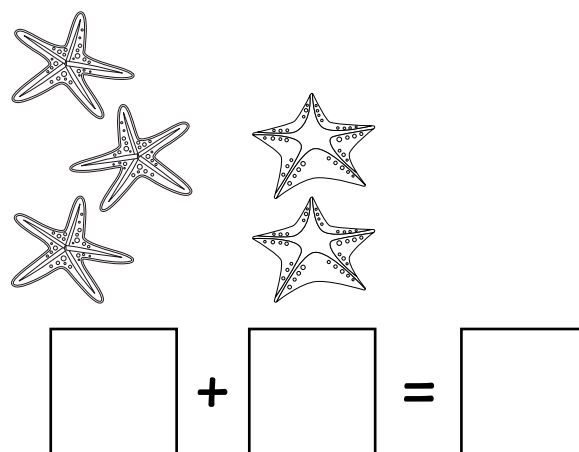
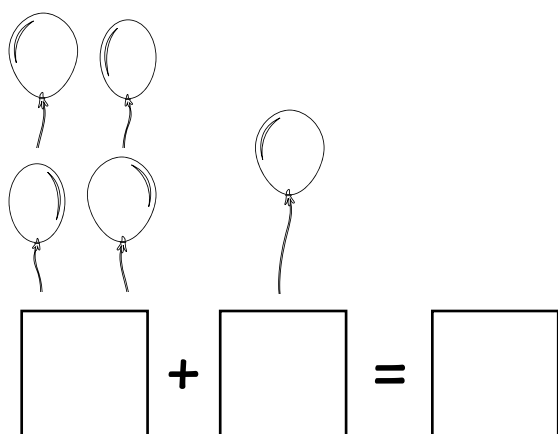


5

3 Count and add.

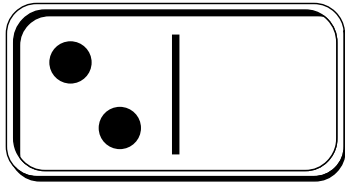


4 Write an addition number sentence for each picture.

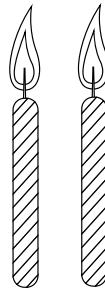


Find the total

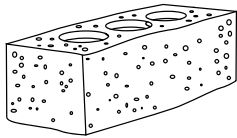
Draw and then find the total.



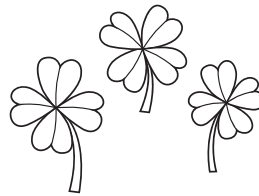
2 and 2 makes



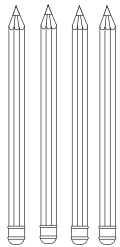
$2 + 4 =$



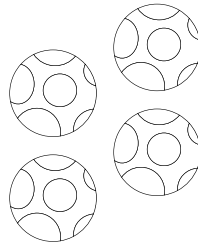
$1 + 3 =$



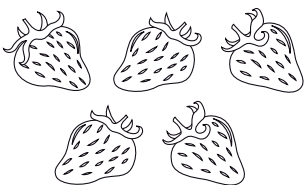
$3 + 3 =$



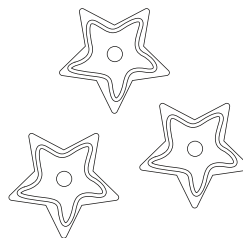
$4 + 0 =$



$4 + 2 =$



$5 + 1 =$



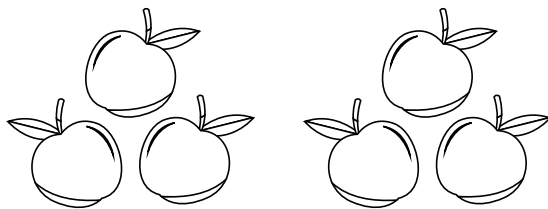
$3 + 2 =$

Number sentences

1 Fill in the number sentences.



$$\square + \square = \square$$



$$\square + \square = \square$$

2 Draw two groups to make the total.

--	--

$$\square + \square = 6$$

--	--

$$\square + \square = 5$$

--	--

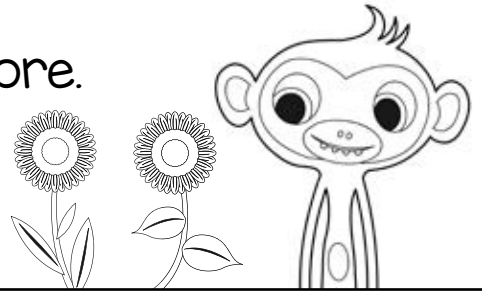
$$\square + \square = 4$$

Word problems 2

Word problems +

- 1 Mango has 2 flowers. She picks 3 more.
How many flowers in total?

Draw. Write the numbers.

A large, empty rectangular box intended for the student to draw the initial 2 flowers.

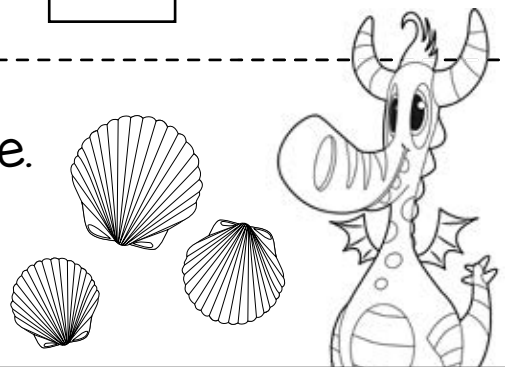
and

A large, empty rectangular box intended for the student to draw the 3 additional flowers.

$$\square + \square = \square$$

- 2 Dizzy has 3 shells. He finds 3 more.
How many shells in total?

Draw. Write the numbers.

A large, empty rectangular box intended for the student to draw the initial 3 shells.

and

A large, empty rectangular box intended for the student to draw the 3 additional shells.

$$\square + \square = \square$$

Bunny hops

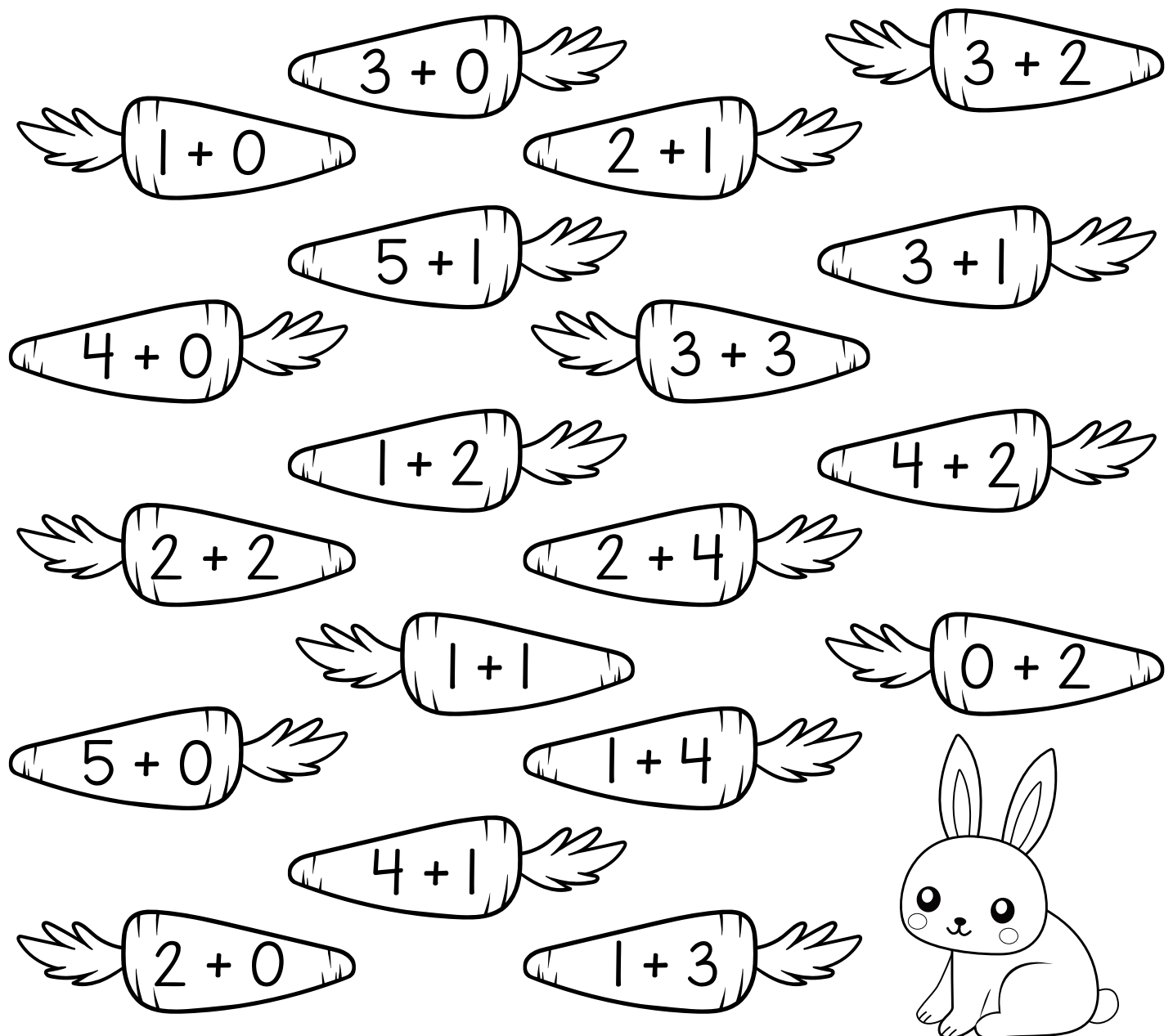
Game

You will need:

a die , 2 coloured pencils  (one for each player)
and a partner .

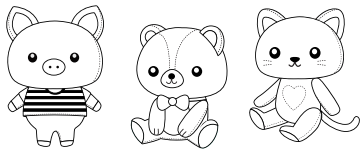
HOW TO PLAY

- 1 Take turns. Roll the die.
- 2 Colour the carrot sum that matches the number rolled.
- 3 Miss a turn if you can't make a match.
- 4 The first person to colour 10 carrots wins.



Add to 7

1 Count and add.



and



makes

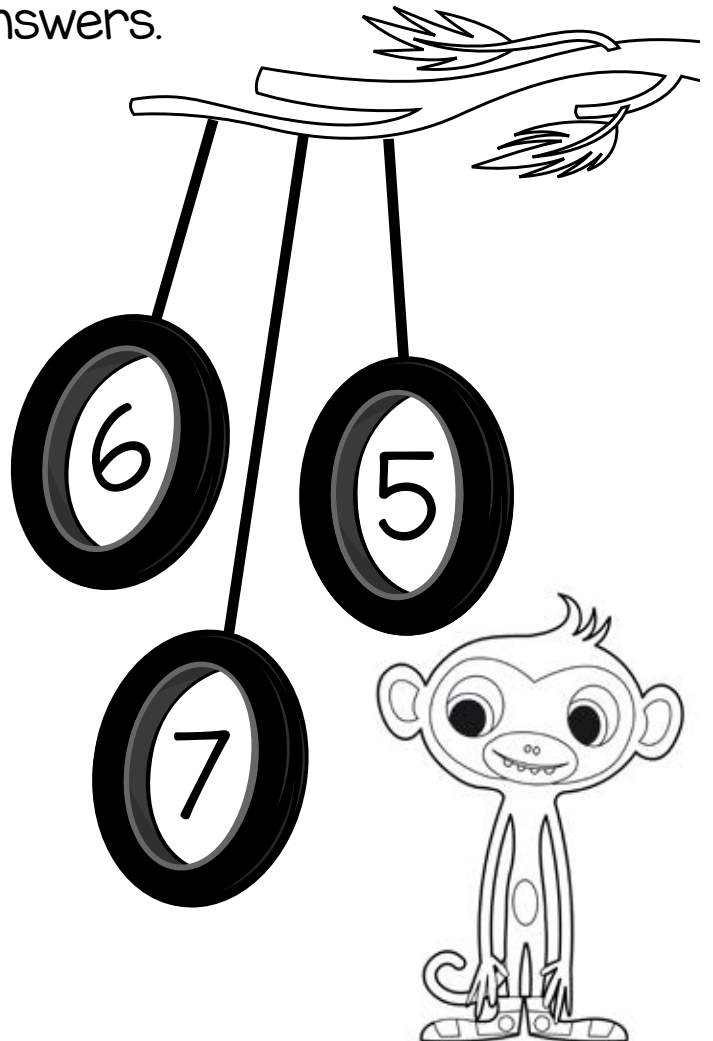
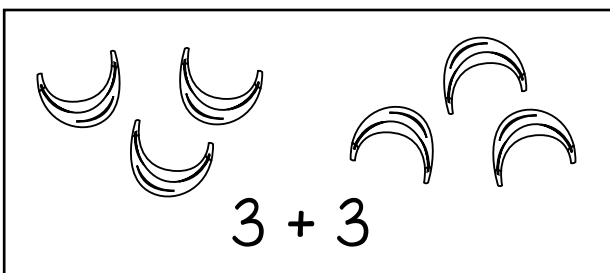
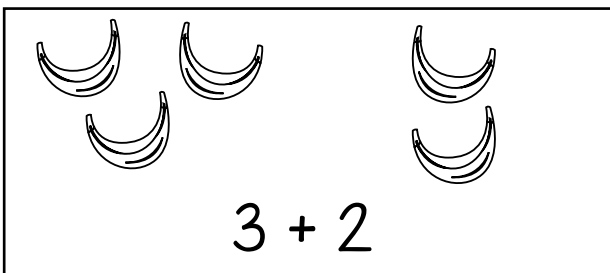
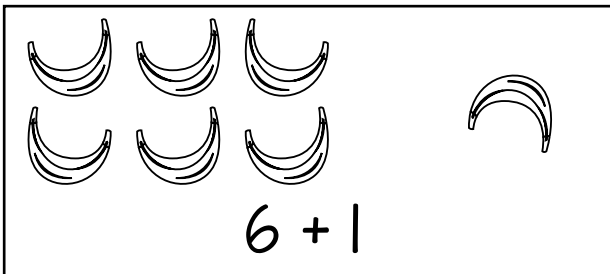


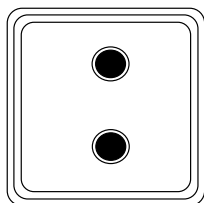
and



makes

2 Join Mango's sums to the answers.

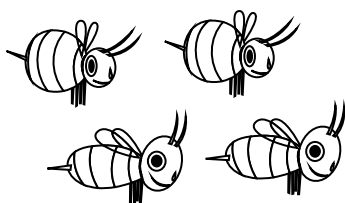


3 Draw and find the total.**2**

and

5

makes

**4**

and

2

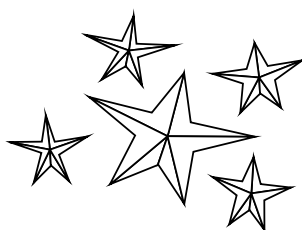
makes

**3**

and

4

makes

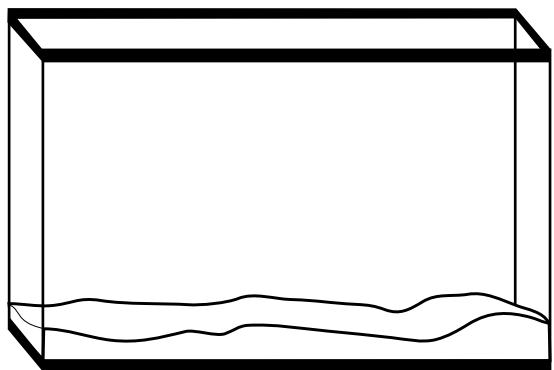
**5**

and

1

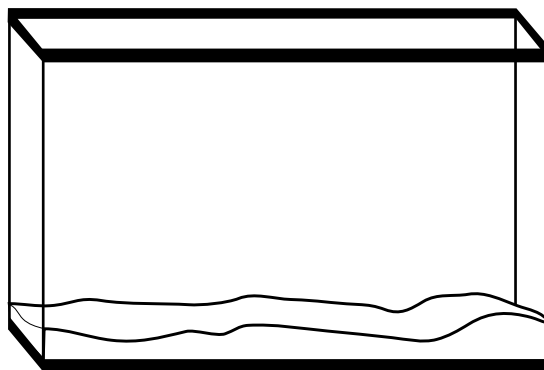
makes

4 Draw.



3 fish

+

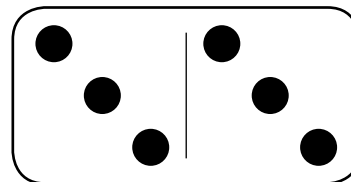
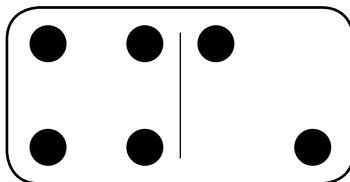
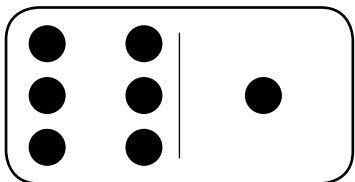
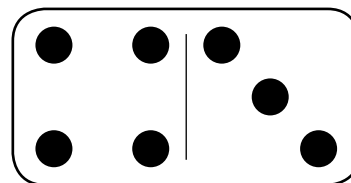
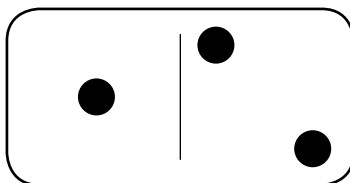
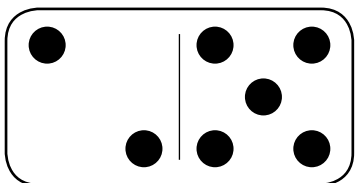


4 fish

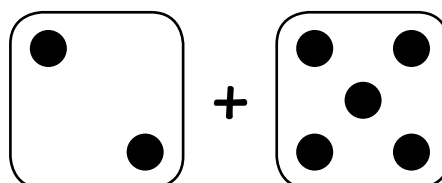
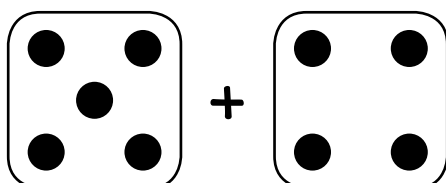
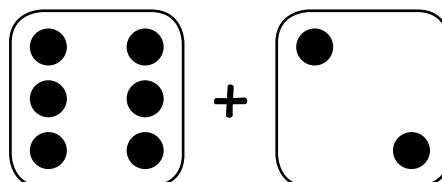
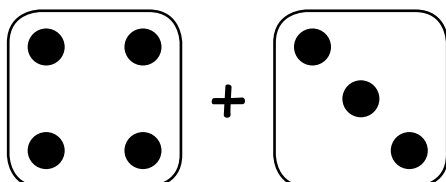
=

fish

5 Colour the dominoes that add up to 7.

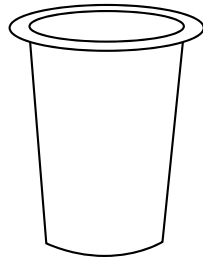


6 Circle the pairs that add up to 7.

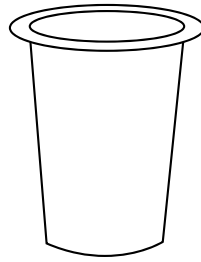


Number sentences

1 Draw.



4 straws



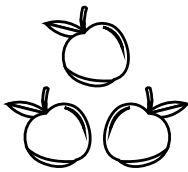
3 straws

+

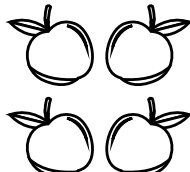
=

straws

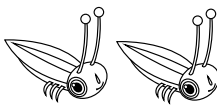
2 Fill in the number sentences.



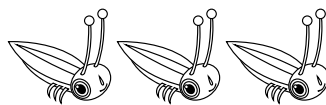
+



=



+



=



+

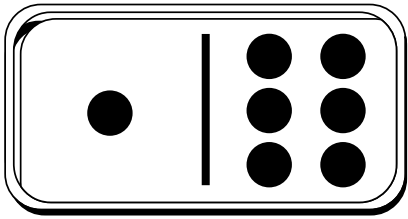


=

Problem solving

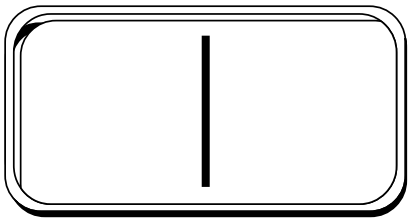
0 - 7

1 Show 6 ways to add to 7.



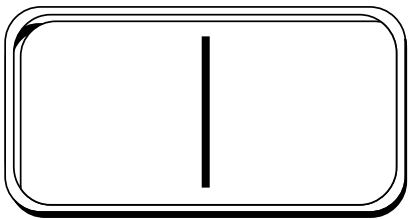
+

=



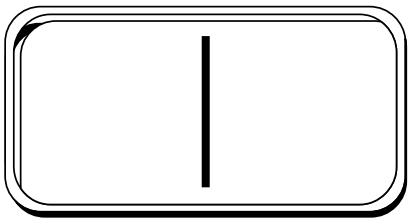
+

=



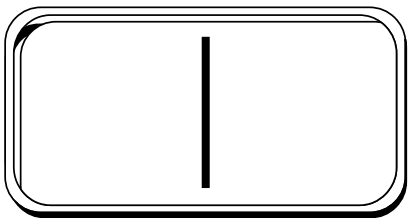
+

=



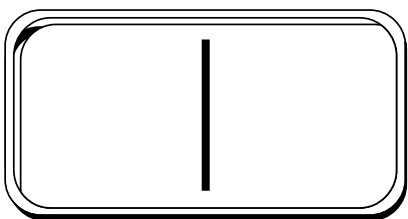
+

=



+

=



+

=

Make 7

Game

You will need a pencil .

Circle each pair of numbers that add to 7. The numbers must be next to each other. How many can you find?

3

2

5

4

3

6

1

0

5

1

2

3

4

0

3

0

7

6

5

2

3

2

7

0

6

1

6

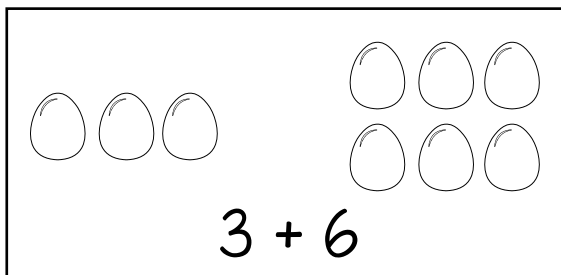
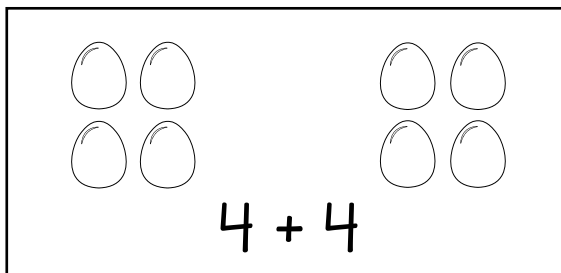
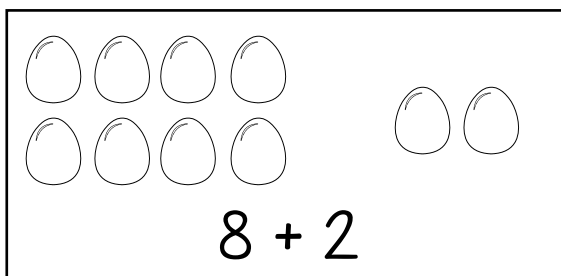
3

5

4

Add to 10

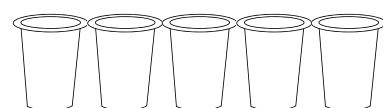
1 Join Ruby's sums to the answers.



2 Complete the number sentences.



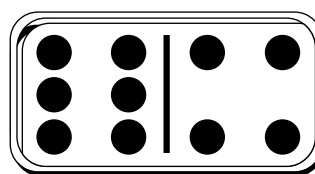
$$\boxed{5} + \boxed{3} = \boxed{}$$



$$\boxed{4} + \boxed{} = \boxed{}$$

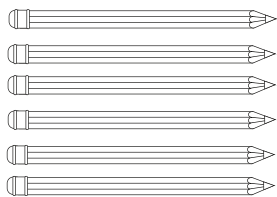


$$\boxed{5} + \boxed{} = \boxed{}$$



$$\boxed{} + \boxed{} = \boxed{}$$

3 Draw and add.

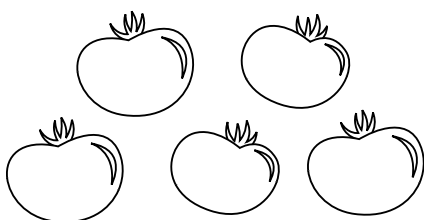


6

and

4

makes

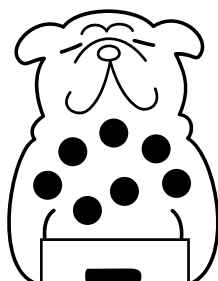


5

and

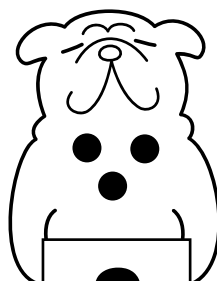
4

makes



7

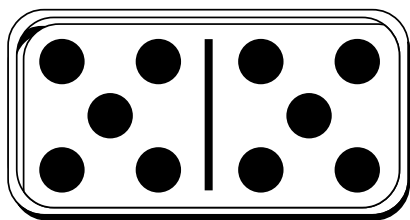
and



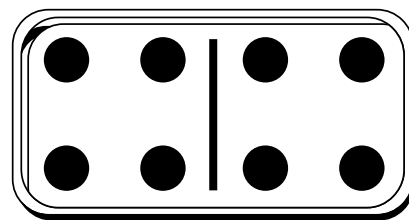
3

makes

4 Complete the number sentences.



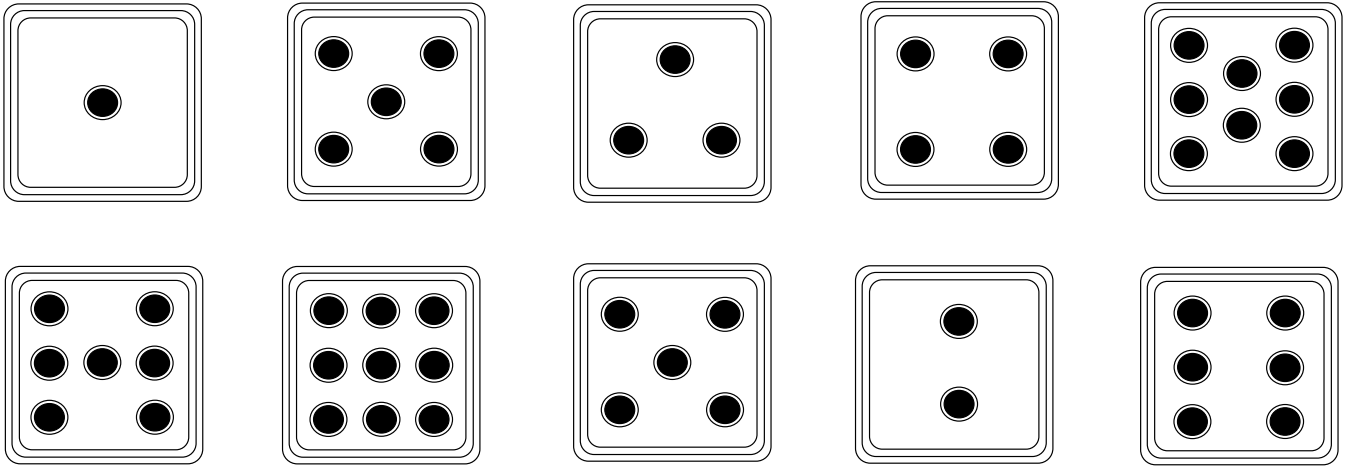
$$\square + \square = \square$$



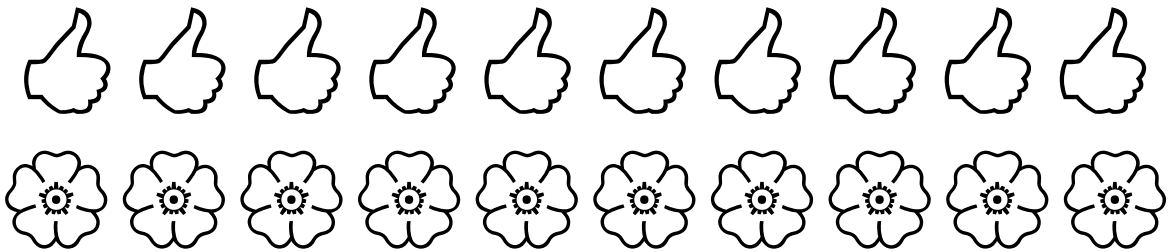
$$\square + \square = \square$$

Making 10

1 Join the pairs to make 10.



2 Use colour to show 2 different ways to make 10.



3 Make 10 using 2 colours. Write the sum.

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

$$\square + \square = 10$$

4 Write the answers.

6 and 2 is

4 and 5 is

3 and 5 is

$5 + 5 =$

$7 + 1 =$

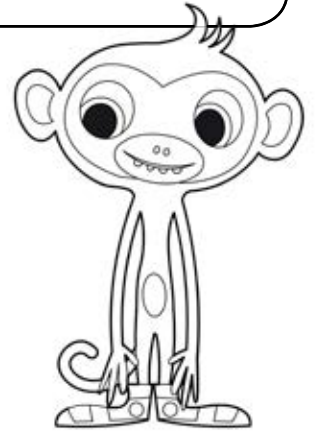
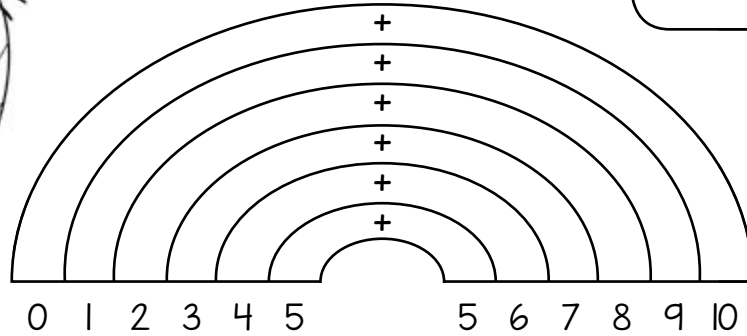
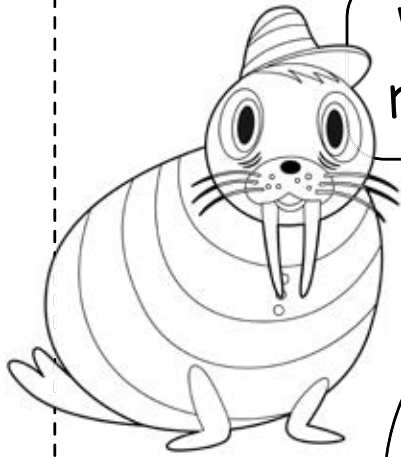
$3 + 6 =$

Rainbow facts to 10

Practical +

We can add pairs of numbers to make 10.

Colour to make it look like a rainbow!



Write the missing number.

$$\square + 10 = 10$$

$$10 + \square = 10$$

$$\square + 9 = 10$$

$$9 + \square = 10$$

$$\square + 8 = 10$$

$$8 + \square = 10$$

$$\square + 7 = 10$$

$$7 + \square = 10$$

$$\square + 6 = 10$$

$$6 + \square = 10$$


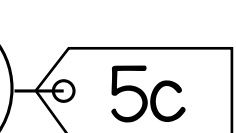
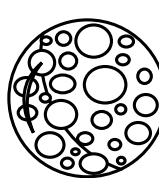

$$\square + 5 = 10$$

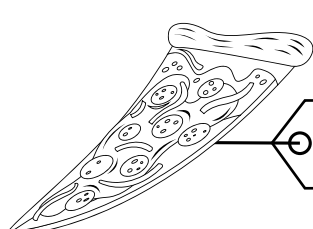

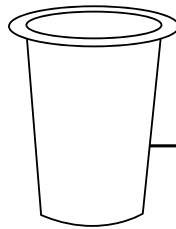

$$5 + \square = 10$$

Adding money


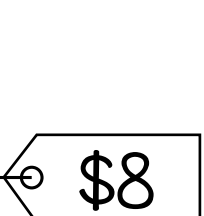
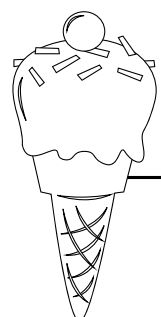
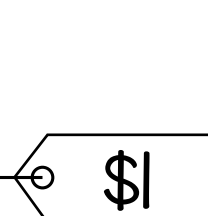
How much do they cost altogether?

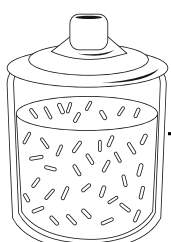
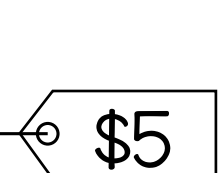
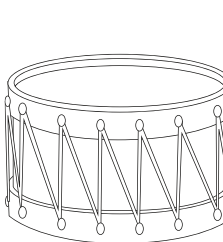
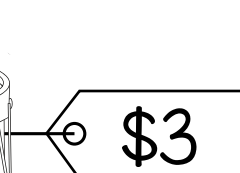
  +   =

  +   =

  +   =

  +   =

  +   =

  +   =

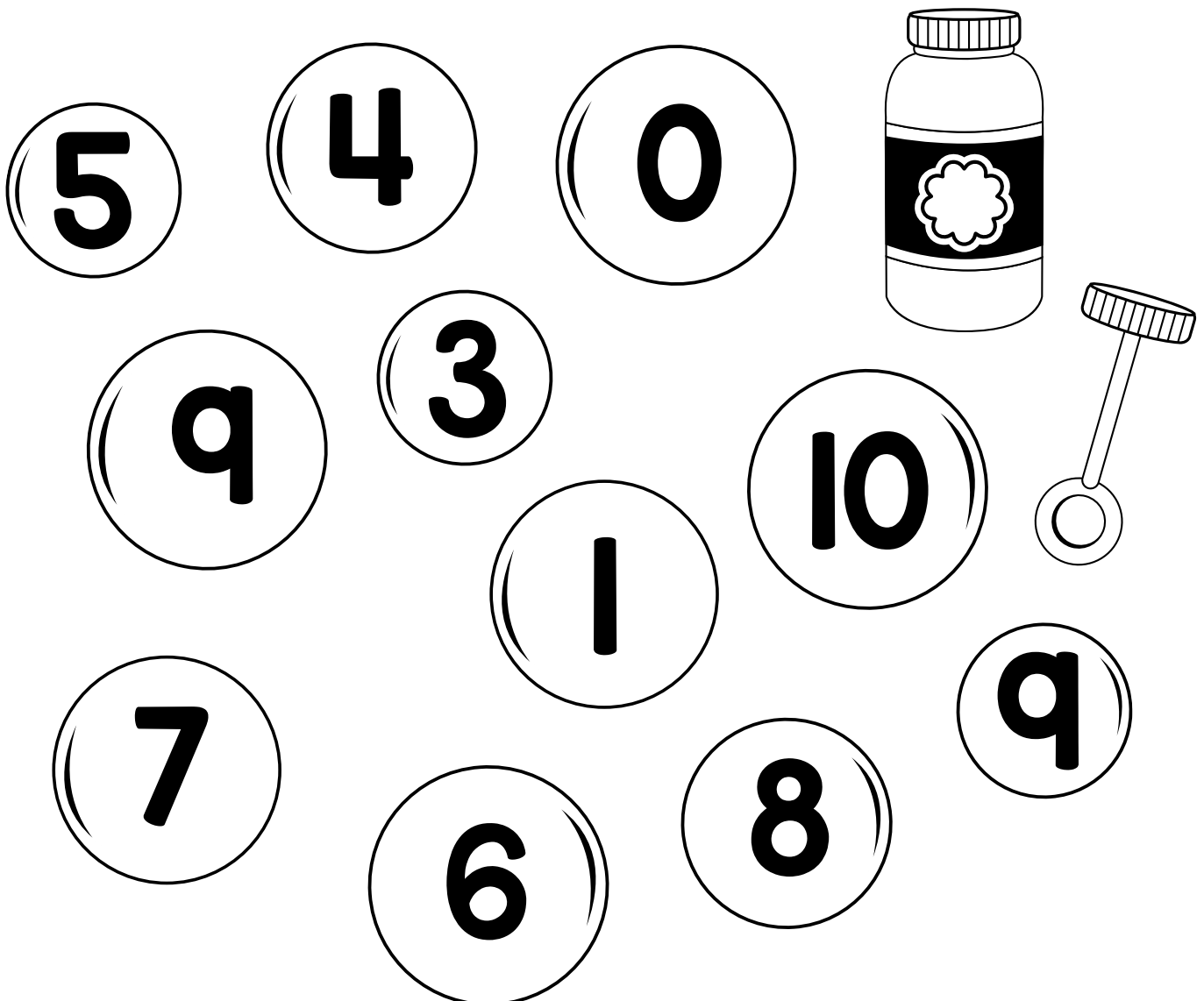
Bubble addition

Game 0-10

You will need 5 red counters ○, 5 yellow counters ○, 2 dice  and a partner 😊.

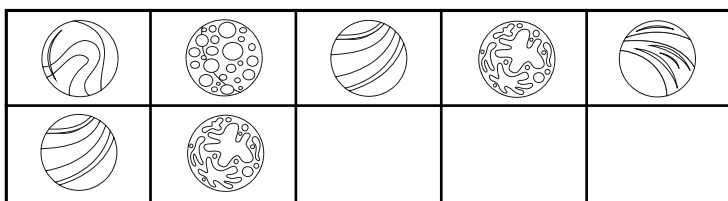
HOW TO PLAY

- 1 On your dice, cover each number 6 with a sticker with a 0 on it.
- 2 Take it in turns. Roll the dice and add both numbers.
- 3 Put a counter over the bubble that matches your answer.
- 4 The winner is the first person to use all 5 of their counters.

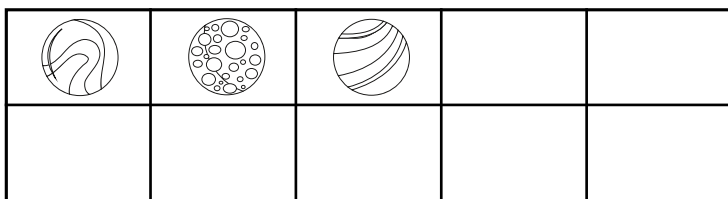


Ten frame addition

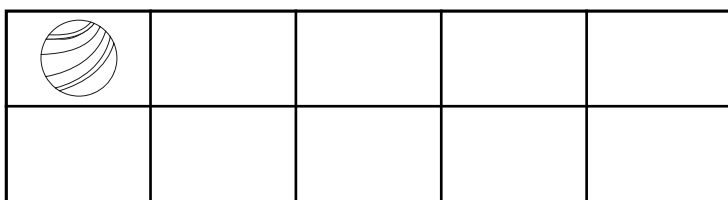
1 Draw more marbles to make 10.



7 and more.

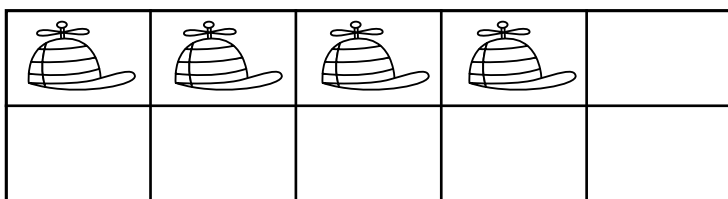


3 and more.

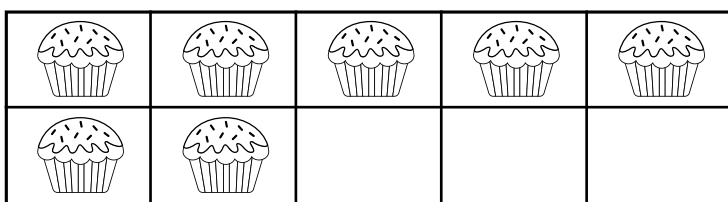


1 and more.

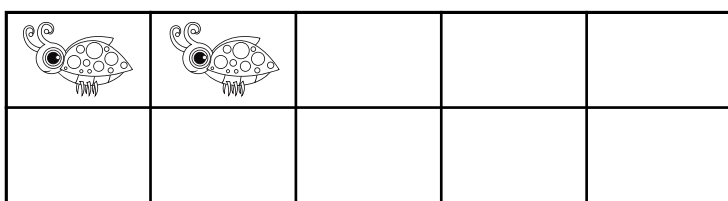
2 How many more to make 10?



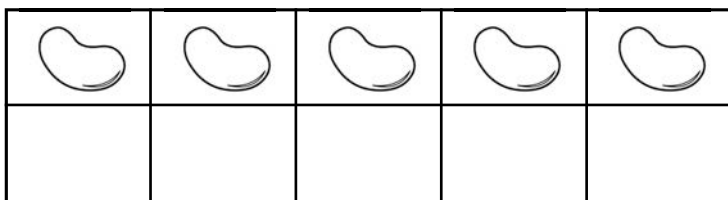
more



more



more

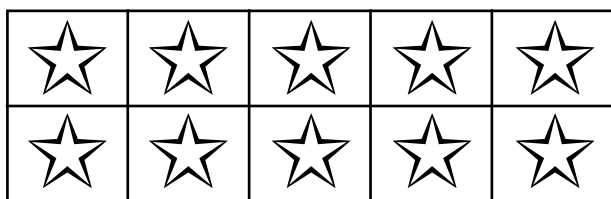


more

3

Colour

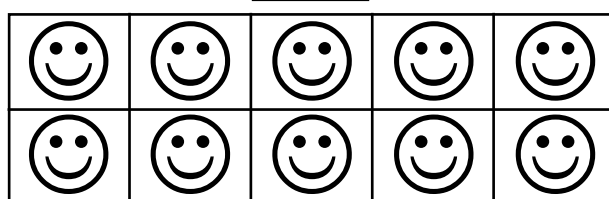
4



$$\boxed{4} + \boxed{} = \boxed{10}$$

Colour

6



$$\boxed{6} + \boxed{} = \boxed{}$$

Colour

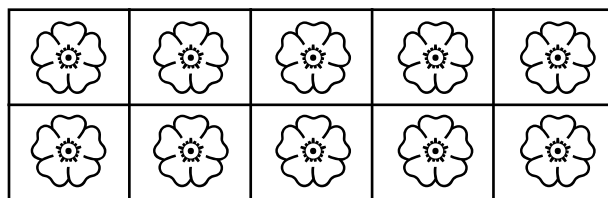
8



$$\boxed{8} + \boxed{} = \boxed{}$$

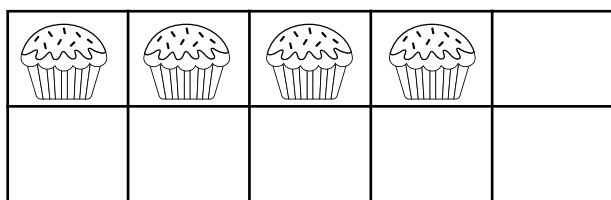
Colour

10

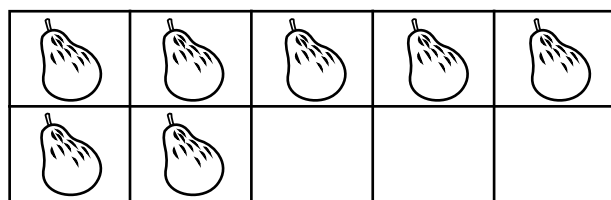


$$\boxed{10} + \boxed{} = \boxed{}$$

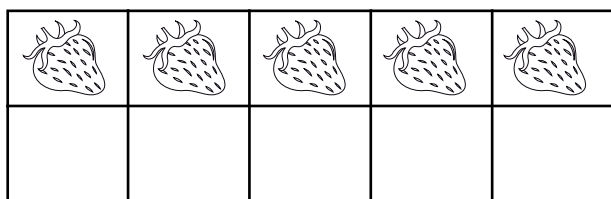
4 Fill the ten frame. Complete the sum.



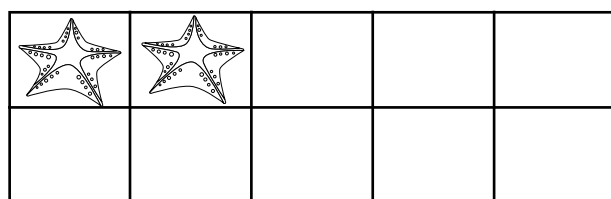
$$\boxed{4} + \boxed{} = \boxed{10}$$



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



$$\boxed{5} + \boxed{} = \boxed{10}$$

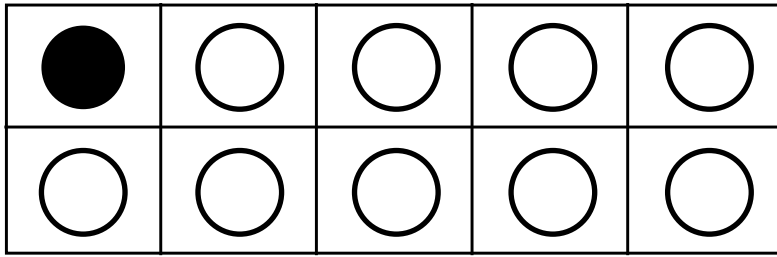


$$\boxed{2} + \boxed{} = \boxed{10}$$

Ways to make 10

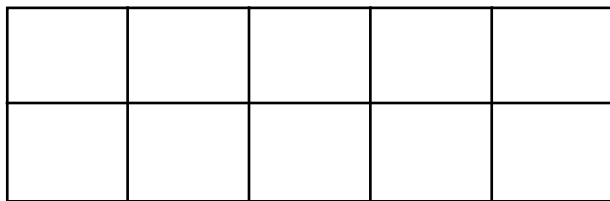
Investigate

1 Complete.

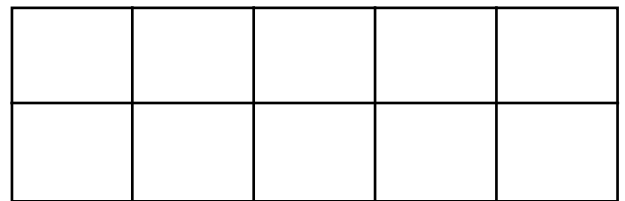


$$10 = \square + \square$$

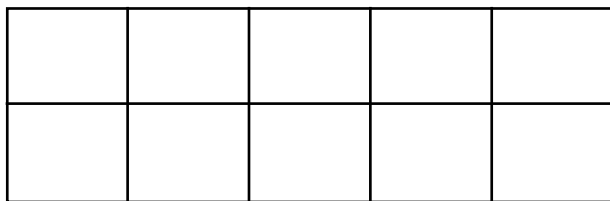
2 Find more ways to make 10. Use 2 colours. Write the sums.



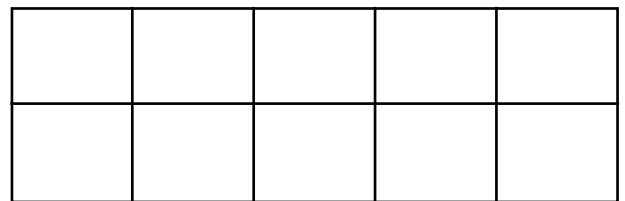
$$10 = \square + \square$$



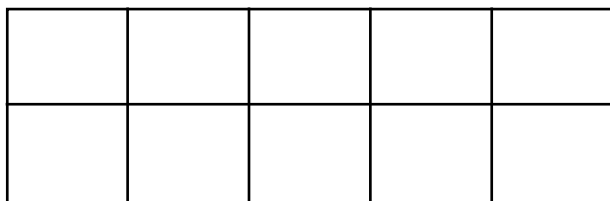
$$10 = \square + \square$$



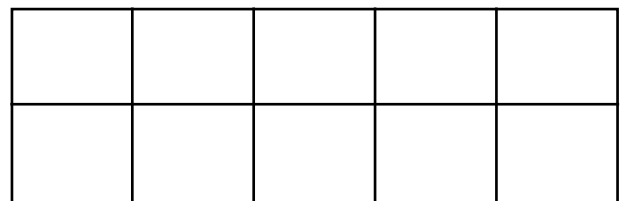
$$10 = \square + \square$$



$$10 = \square + \square$$



$$10 = \square + \square$$



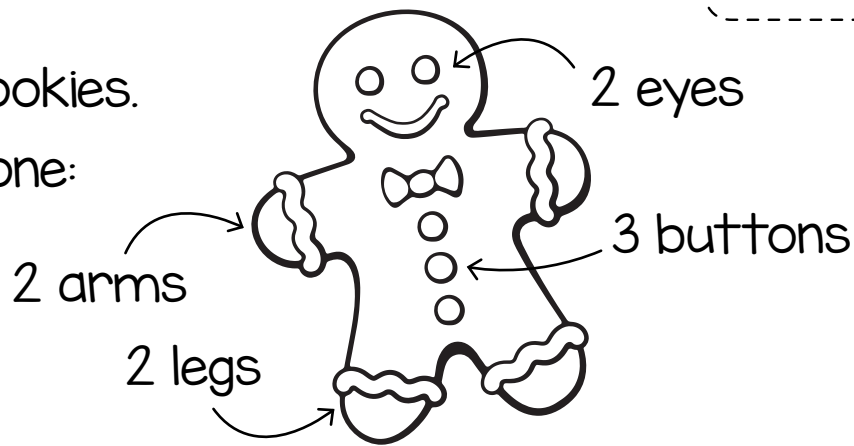
$$10 = \square + \square$$

Cookies

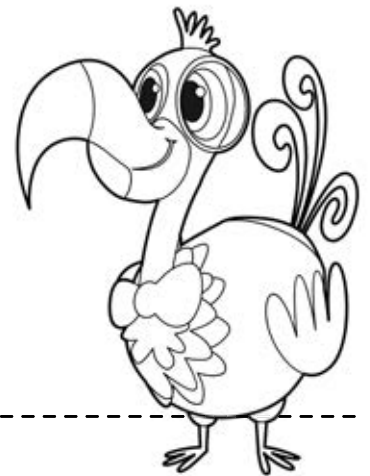
Problem solving

Doc bakes 2 cookies.

He gives each one:



1 Draw the cookies.



2 Complete the number sentences.

How many cookies?

$$\square + \square = \square$$

How many buttons?

$$\square + \square = \square$$

How many eyes?

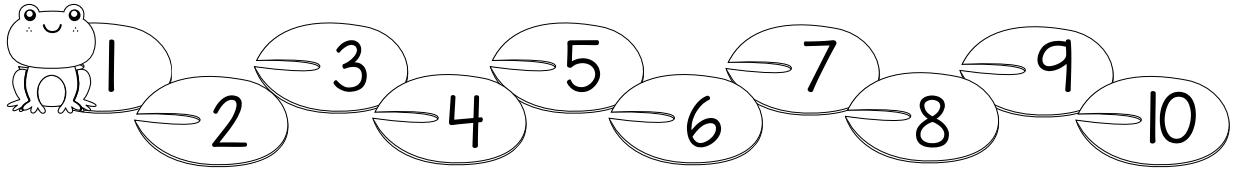
$$\square + \square = \square$$

How many arms and legs?

$$\square + \square = \square$$

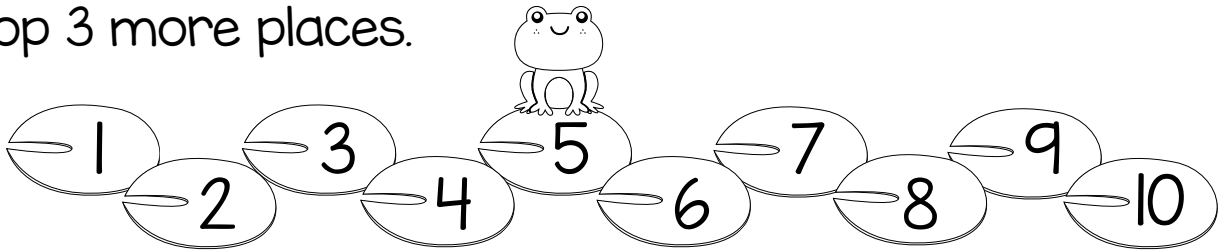
Number line addition

1 Hop 4 more places.



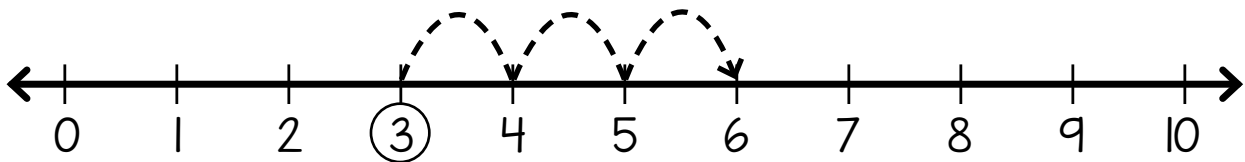
$$1 + 4 = \square$$

2 Hop 3 more places.

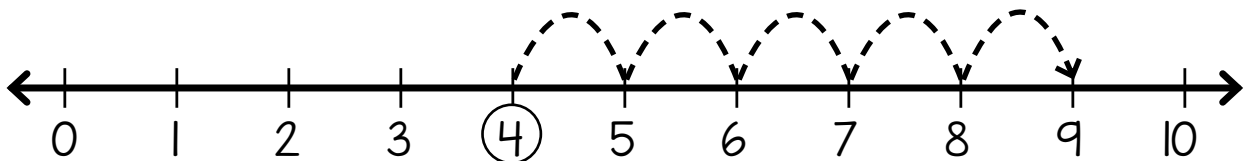


$$5 + 3 = \square$$

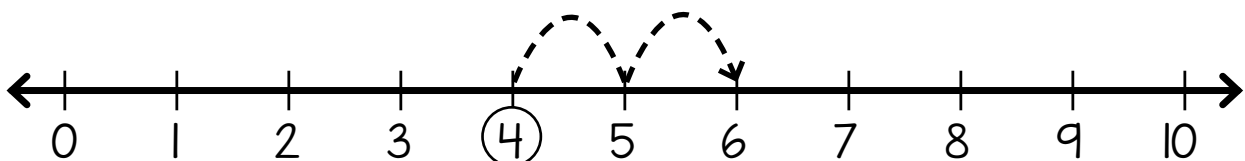
3 Trace the hops. Answer the sums.



$$3 + 3 = \square$$

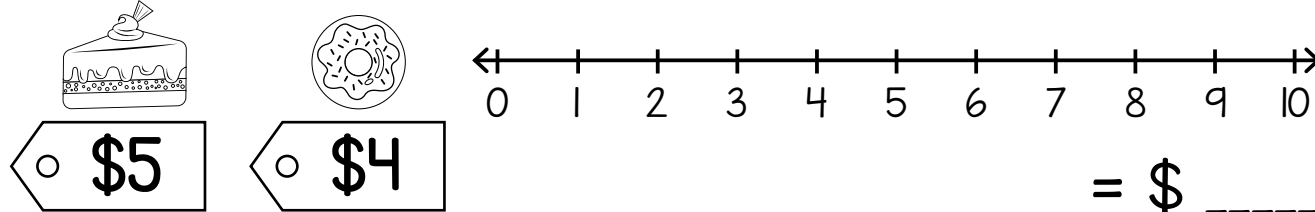
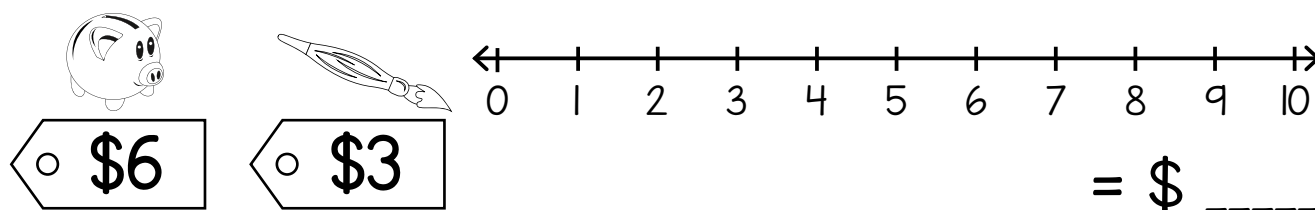
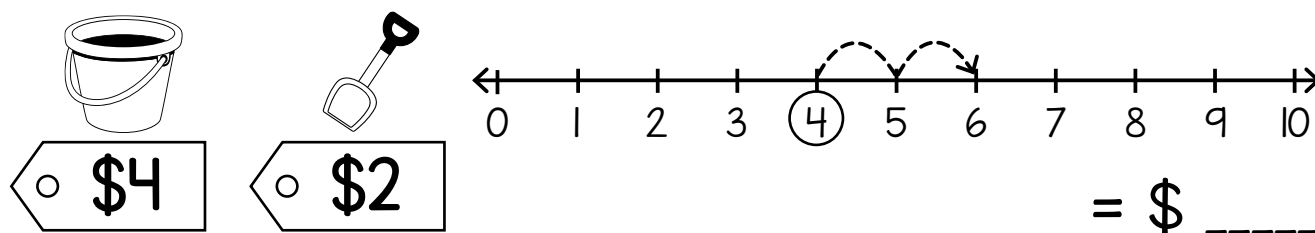


$$4 + 5 = \square$$

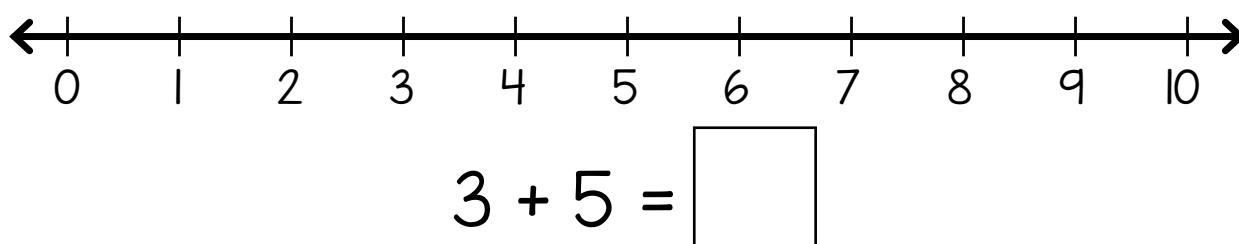
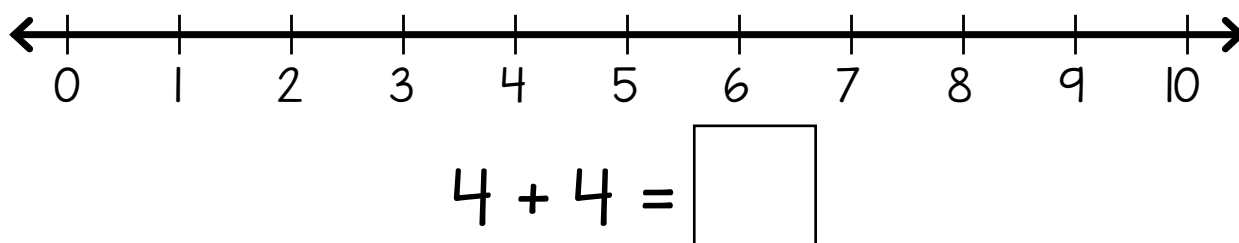
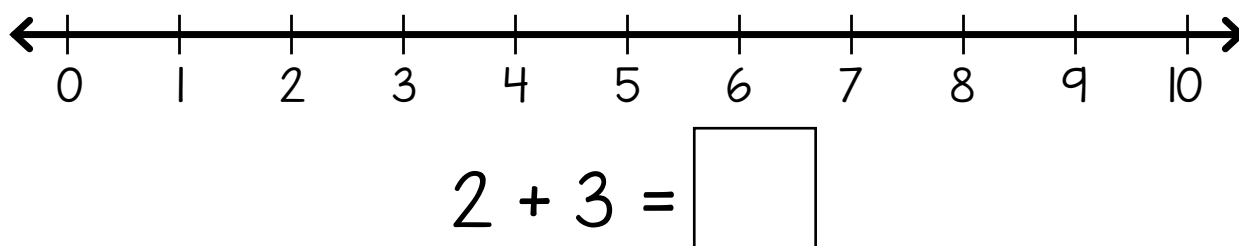


$$4 + 2 = \square$$

- 4 How much has Ruby spent? Use the number line to find the total.

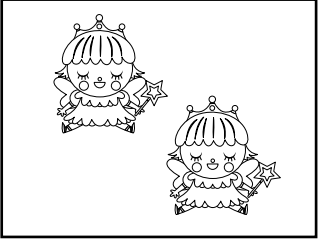
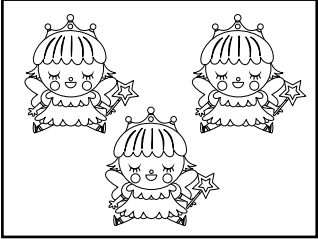
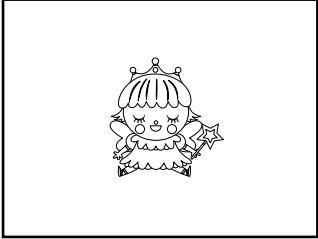
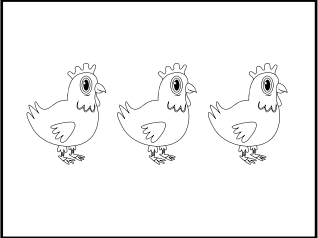
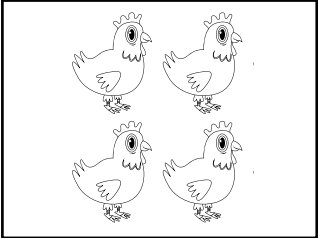
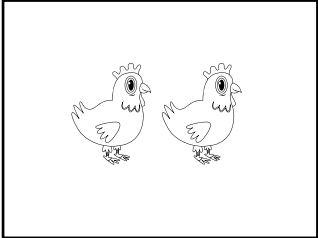


- 5 Show the sum on the number line.

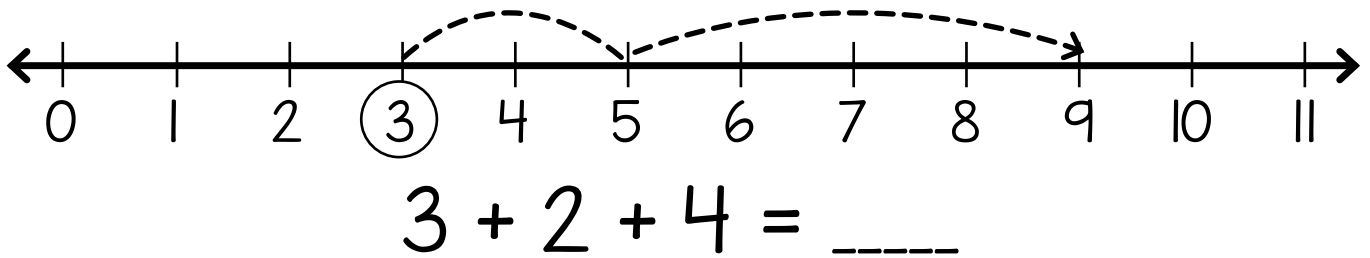


Adding 3 groups

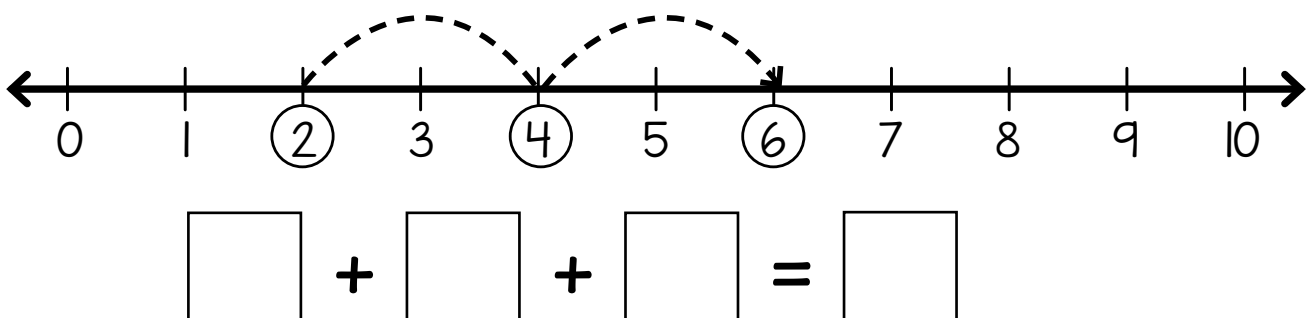
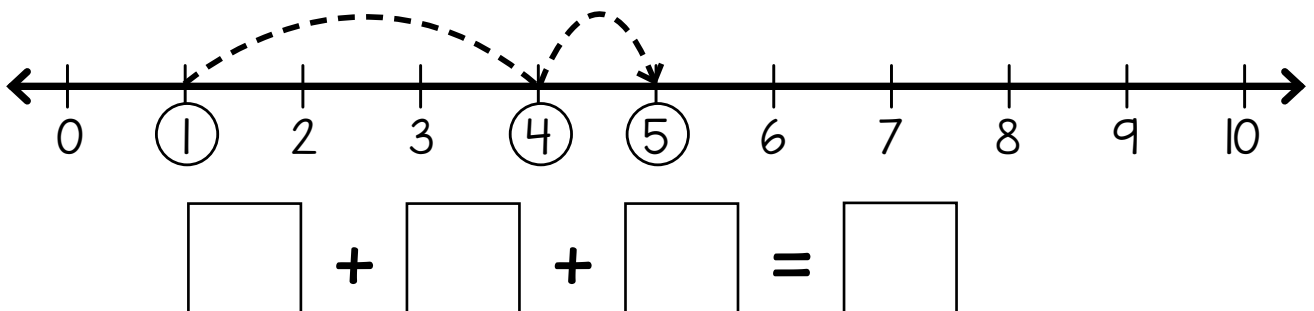
1 Count and add.

	+		+		=	<input type="text"/>
	+		+		=	<input type="text"/>

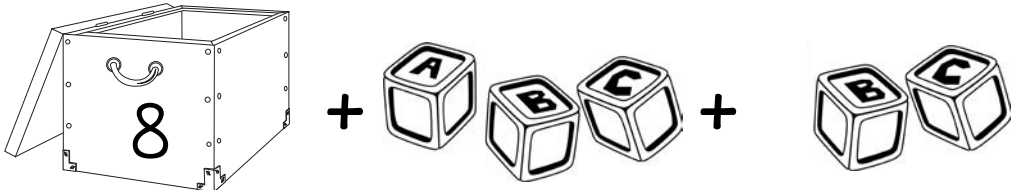
2 Add using the number line.

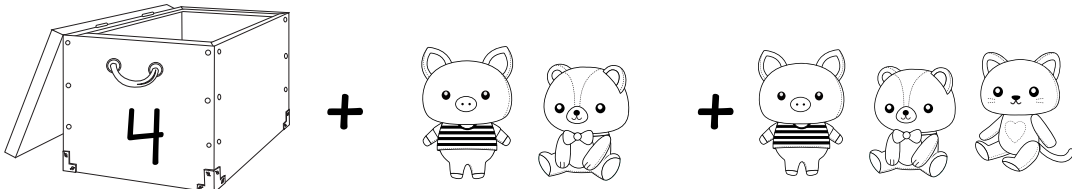


3 Fill in the number sentences.



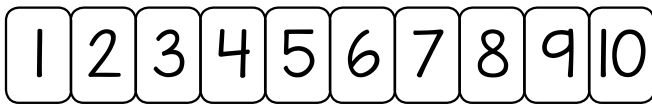
4 Count on and add.



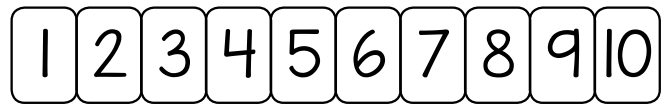
$$\square + \square + \square = \square$$


$$\square + \square + \square = \square$$

5 Colour and add.

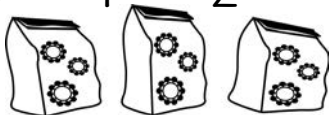
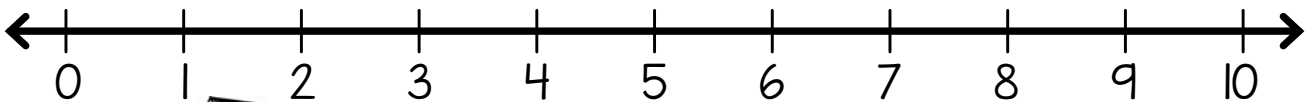


$$4 + 2 + 1 = \underline{\quad\quad}$$



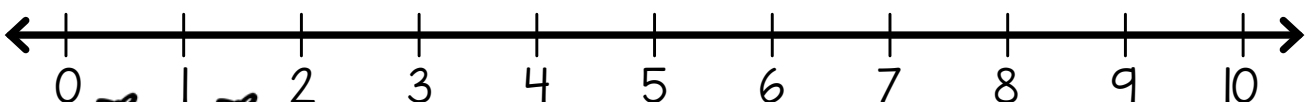
$$5 + 1 + 2 = \underline{\quad\quad}$$

6 Add 2 more. Then add 3 more.



How many altogether? $\underline{\quad\quad}$

7 Add 1 more.

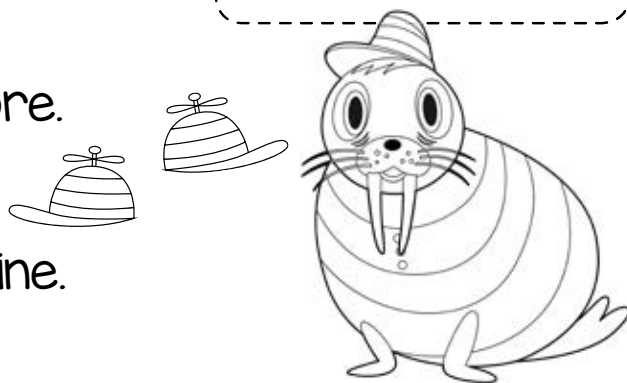


How many altogether? $\underline{\quad\quad}$

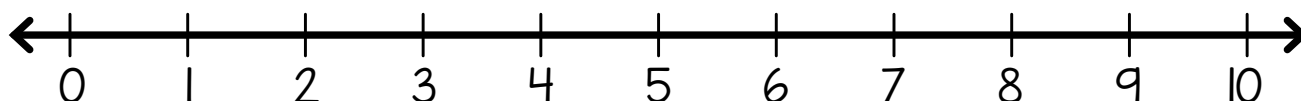
Word problems 3

Word problems +

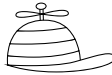
- 1 Waldo has 3 caps. He buys 5 more.
How many caps altogether?



Show the sum on the number line.



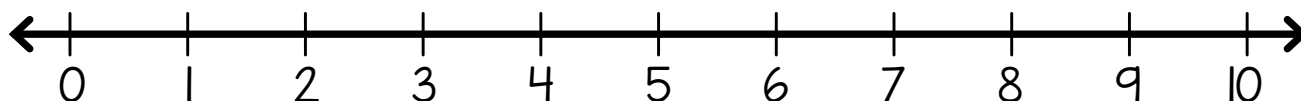
Write the number sentence.

$$\square + \square = \square$$
  caps


- 2 Ruby fills 2 buckets. She fills 3 more,
and then 4 more buckets. How many
buckets altogether?



Show the sum on the number line.




Write the number sentence.

$$\square + \square = \square$$
  buckets

Go bananas!

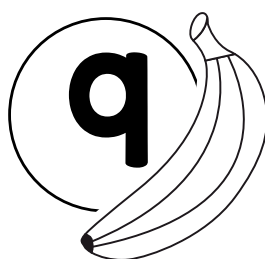
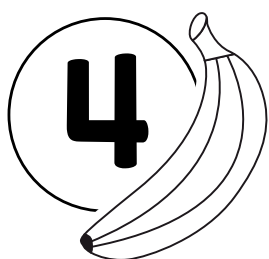
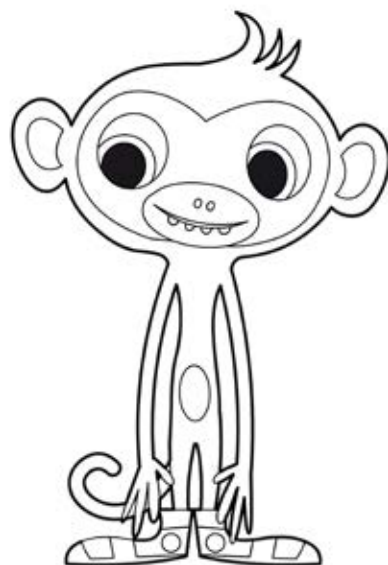
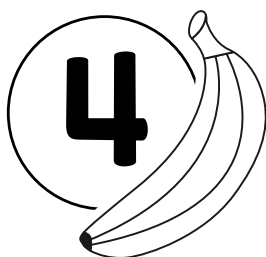
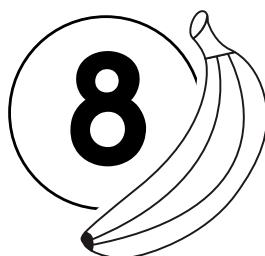
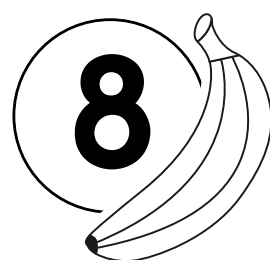
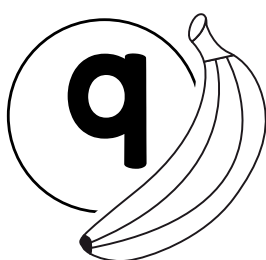
Game

You will need:

2 coloured counters ○○ (a colour for each player),
1 die  and a partner 😊

HOW TO PLAY

- 1 Take it in turns.
Roll the die.
- 2 Find the banana number that will make 10.
- 3 Cover it with a counter.
- 4 Keep playing until all the bananas are covered.
The winner is the player with the most bananas.



Doubles to 10

1 Add Dizzy's double dice.

$$\begin{array}{|c|} \hline \bullet \\ \hline \end{array} + \begin{array}{|c|} \hline \bullet \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$\begin{array}{|c|} \hline \bullet \\ \bullet \\ \hline \end{array} + \begin{array}{|c|} \hline \bullet \\ \bullet \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline \end{array}$$

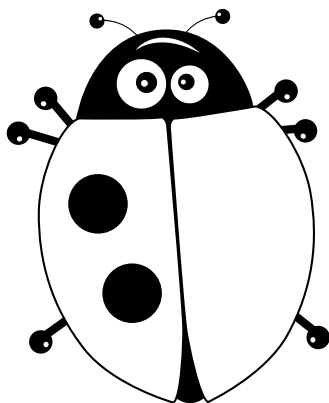
$$\begin{array}{|c|} \hline \bullet \\ \bullet \quad \bullet \\ \hline \end{array} + \begin{array}{|c|} \hline \bullet \\ \bullet \quad \bullet \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$\begin{array}{|c|} \hline \bullet \quad \bullet \\ \bullet \quad \bullet \\ \hline \end{array} + \begin{array}{|c|} \hline \bullet \quad \bullet \\ \bullet \quad \bullet \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline \end{array}$$

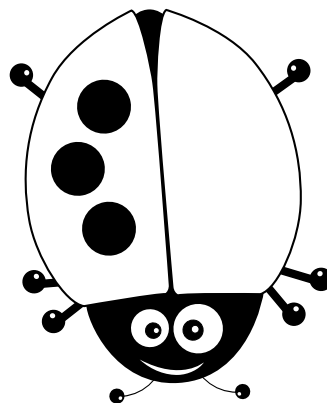
$$\begin{array}{|c|} \hline \bullet \quad \bullet \\ \bullet \quad \bullet \\ \bullet \\ \hline \end{array} + \begin{array}{|c|} \hline \bullet \quad \bullet \\ \bullet \quad \bullet \\ \bullet \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline \end{array}$$



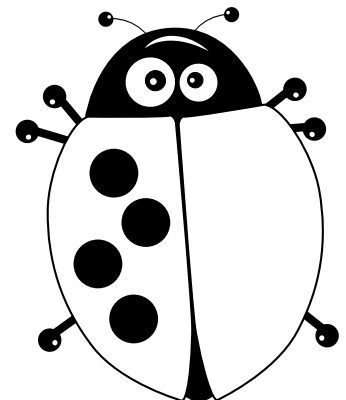
2 Draw matching spots. Write the answers.



Double 2 is



Double 3 is



Double 4 is

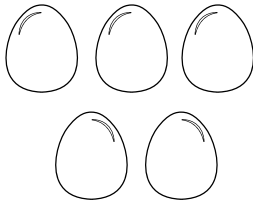
3 Write the missing numbers.



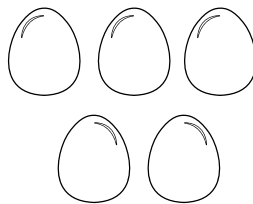
+



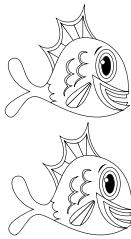
$$4 + \boxed{} = 8$$



+



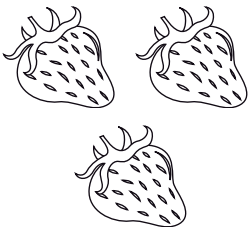
$$\boxed{} + 5 = \boxed{}$$



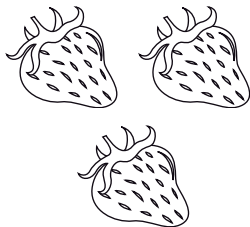
+



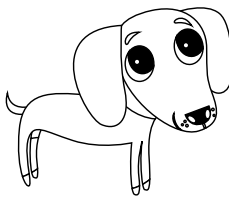
$$\boxed{} + \boxed{} = \boxed{}$$



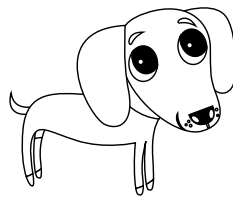
+



$$\boxed{} + \boxed{} = \boxed{}$$

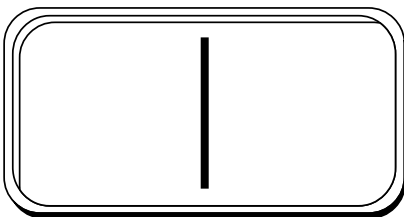


+

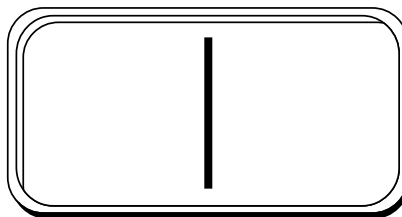


$$\boxed{} + \boxed{} = \boxed{}$$

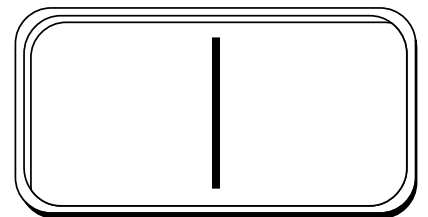
4 Draw the dominoes.



Double 4

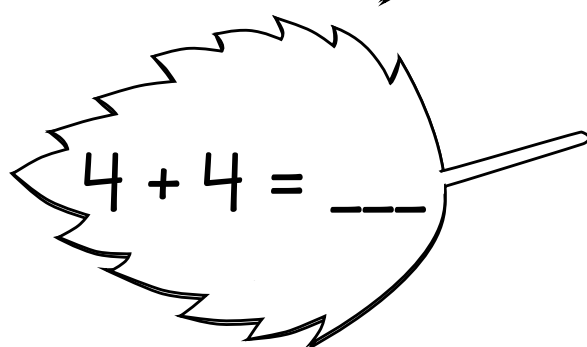
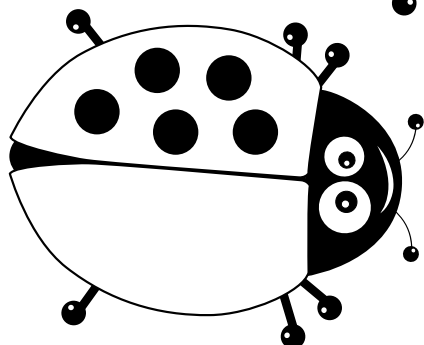
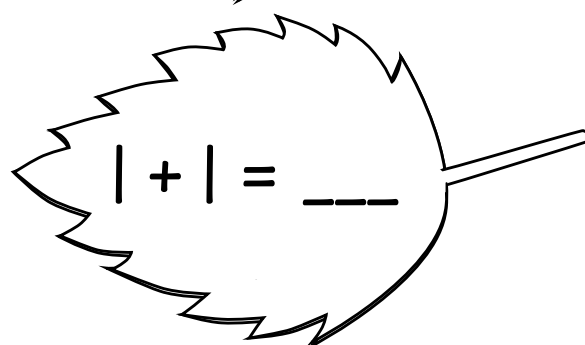
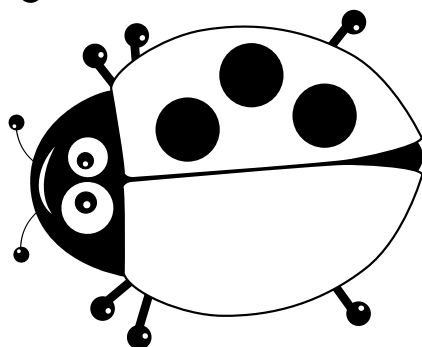
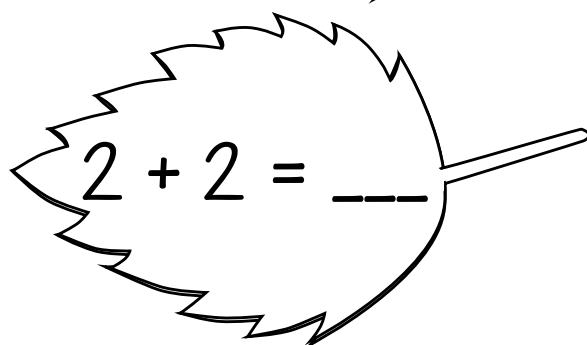
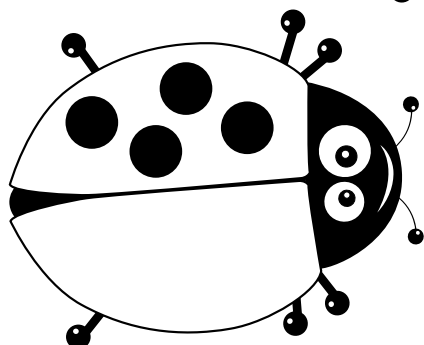
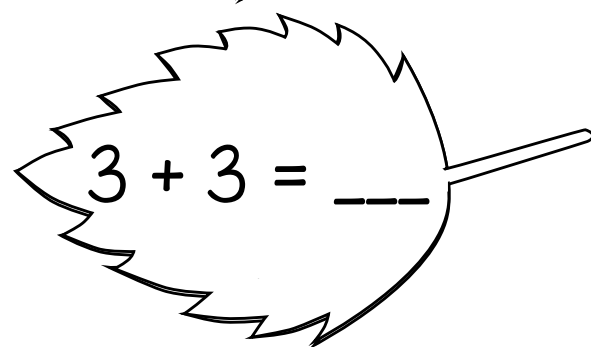
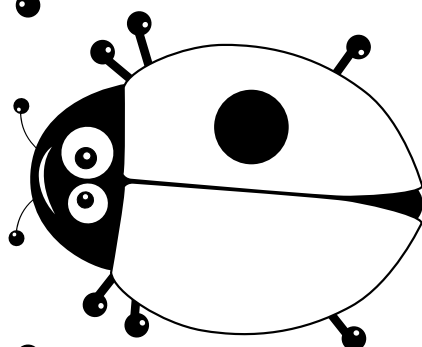
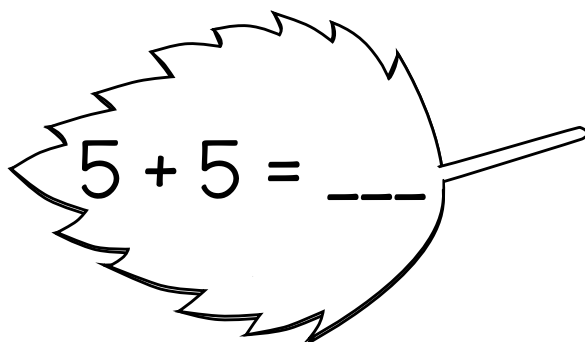
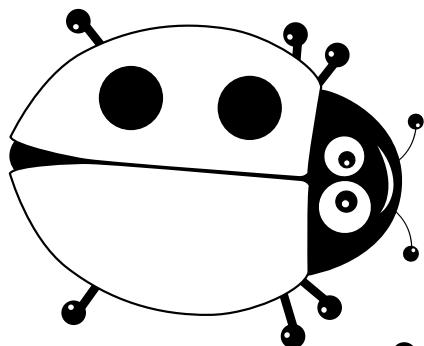


Double 5



Double 6

- 5 Complete each ladybug to make doubles. Join to a leaf.
Write the totals.



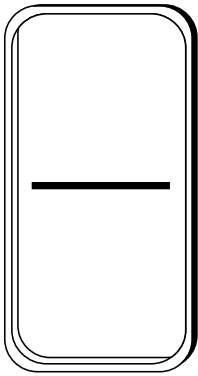
Doubles match-up

Game

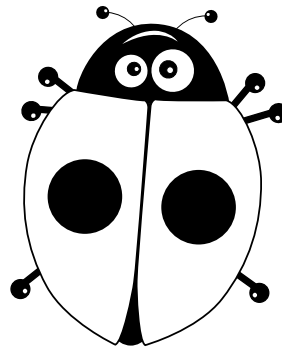
You will need scissors  and a partner 😊.

HOW TO PLAY

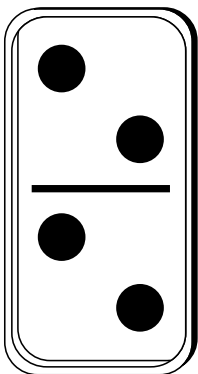
- 1 Cut out the pictures. Shuffle.
- 2 Lay them face-down in a 4 x 4 grid.
- 3 Take turns. Flip over 2 cards and see if they match.
If they do, keep them.
- 4 The winner has the most cards at the end of the game.



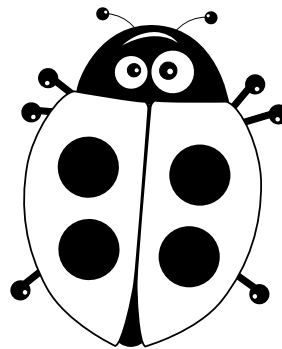
0



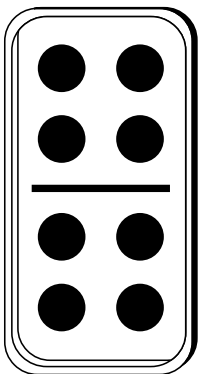
2



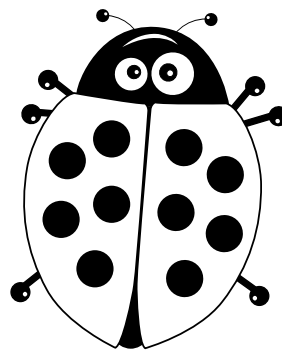
4



6

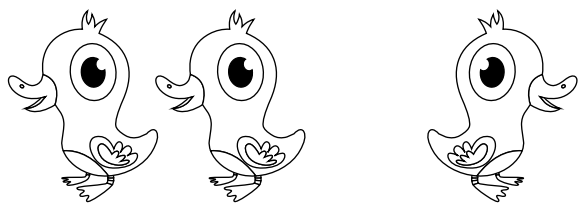


8



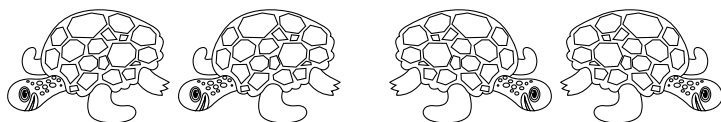
10

Subtraction stories



3 ducks. 1 walks away.

How many left?



4 turtles. 2 swim away.


How many left?



5 crabs. 4 run away.

How many left?

2 Draw pictures for each story.

5 fish.  3 swim away.

How many left?

3 kites.  2 fly away.

How many left?

Take away cubes

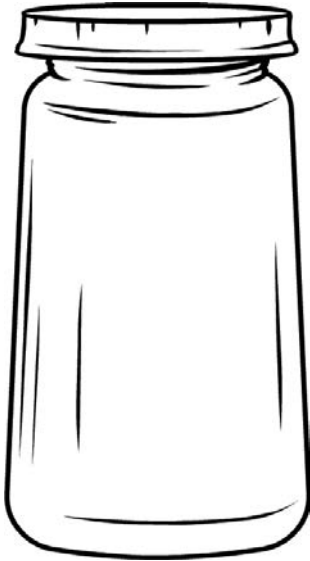
Practical activity

Use cubes to act out each story. Write the answers.

1 4  in a jar.

Take away 1 .

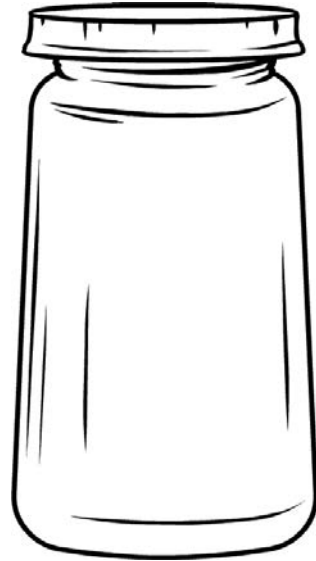
How many left?



2 3  in a jar.

Take away 2 .

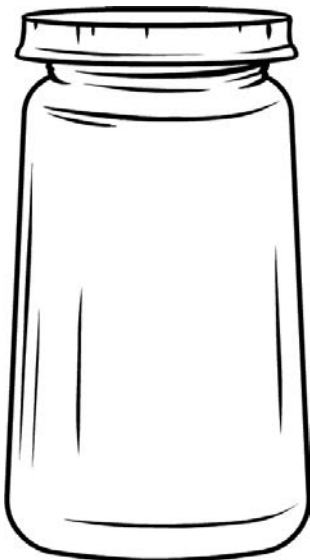
How many left?



3 5  in a jar.

Take away 1 .

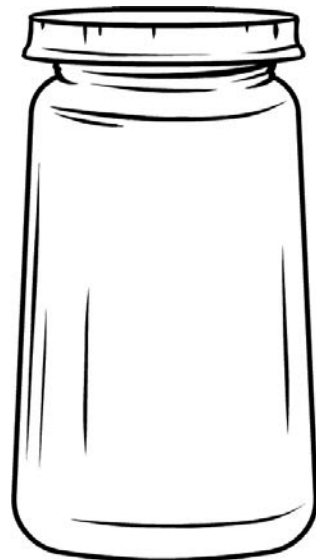
How many left?



4 4  in a jar.

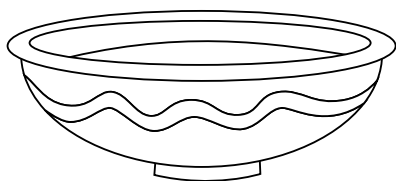
Take away 3 .

How many left?



How many left?

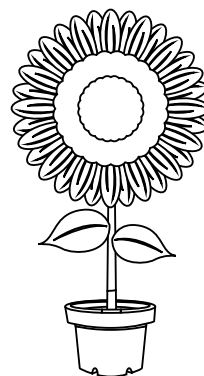
Draw 5 apples. 



Take away 3.

How many left?

Draw 6 bees. 

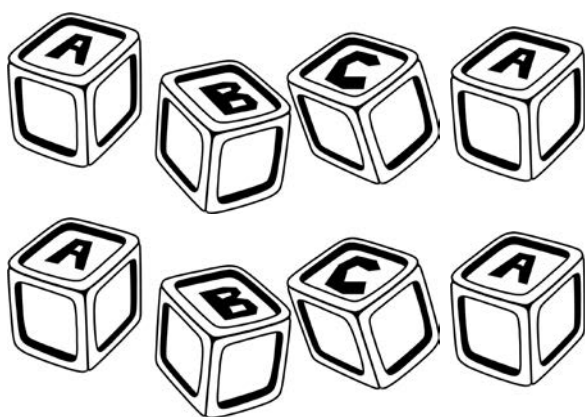


Take away 2.

How many left?

2

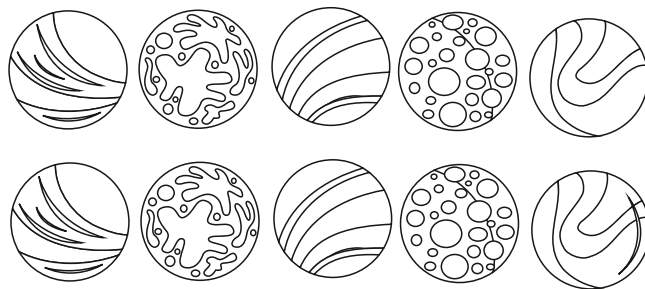
How many?



Take away 3.

How many left?

How many?



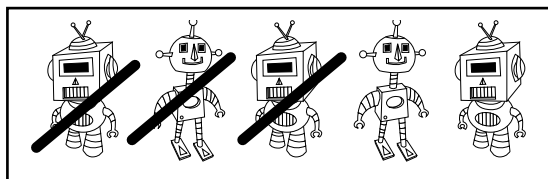
Take away 3.

How many left?

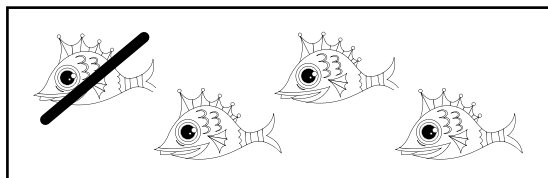
Cross out to take away

1 Draw lines to match.

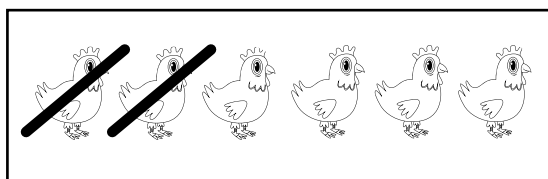
4 take away 1



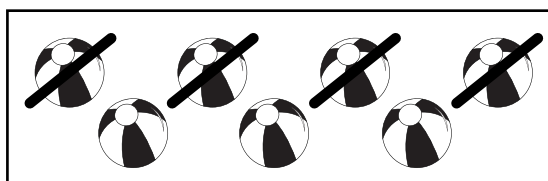
7 take away 4



5 take away 3

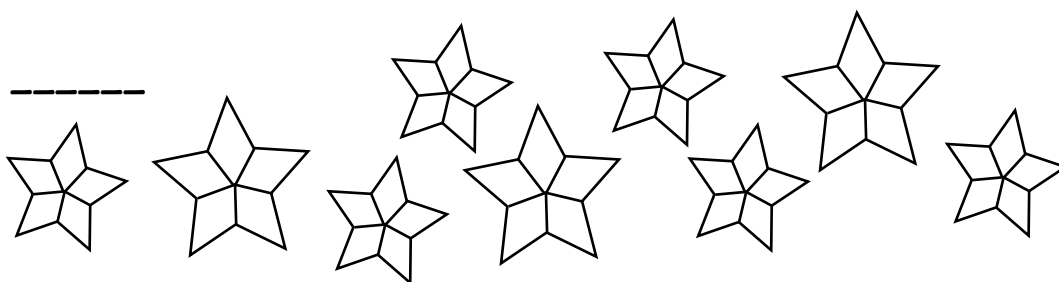


6 take away 2



2 Find the answers.

How many? _____



Cross out 6 stars.

How many left? _____

How many? _____



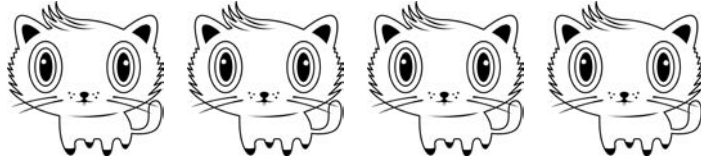
Cross out 4 pears.

How many left? _____

Cross out to take away

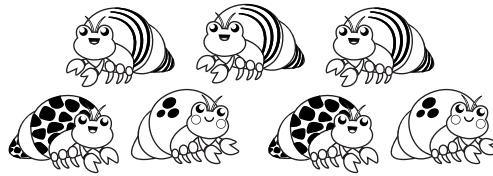
3 Fill in the numbers.

Cross out one.



$$\square \text{ take away 1 is } \square$$

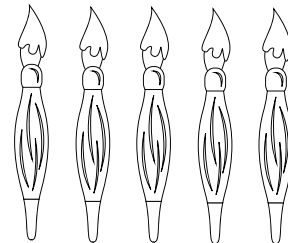
Cross out three.



$$\square \text{ take away 3 is } \square$$

4 Cross out 4.

$$\square - 4 = \square$$



5 Cross out to take away. Write the answers.

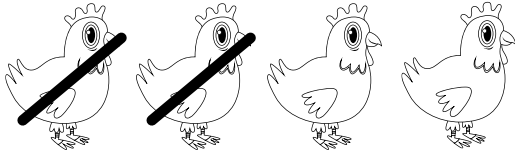


$$6 - 3 = \square$$

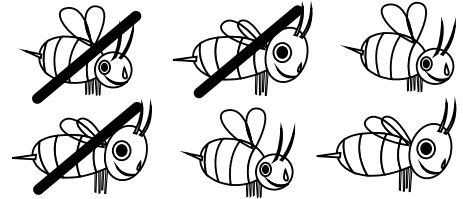


$$8 - 2 = \square$$

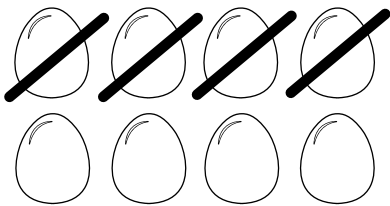
6 Fill in the numbers.



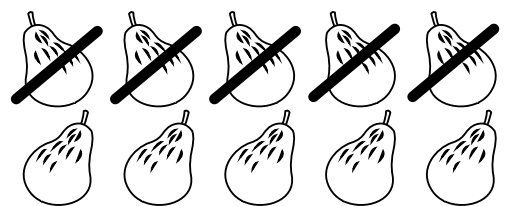
$$4 - 2 = \square$$



$$6 - 3 = \square$$

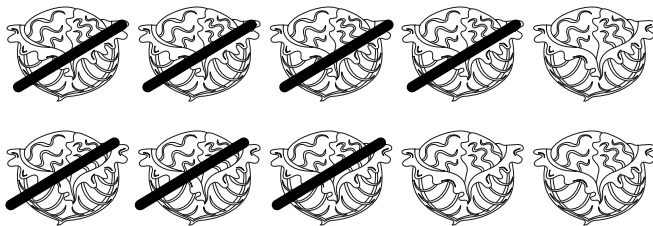


$$8 - 4 = \square$$

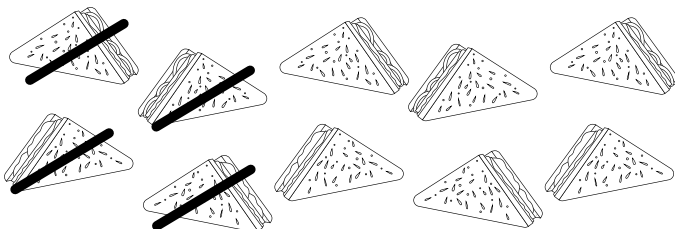


$$10 - 5 = \square$$

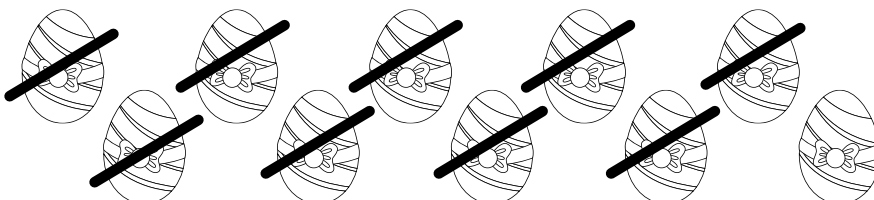
7 Find the answers.



$$10 - 7 = \square$$



$$10 - 4 = \square$$



$$10 - 9 = \square$$

Word problems 4

Word problems

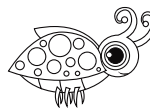
- 1 Ruby has 7 apples. She eats 3.
Draw.

How many apples are left?



- 2 Dizzy has 10 bugs. 6 run away.
Draw.

How many bugs are left?



Complete the number sentence.

$$10 - \square = \square$$



4 fish

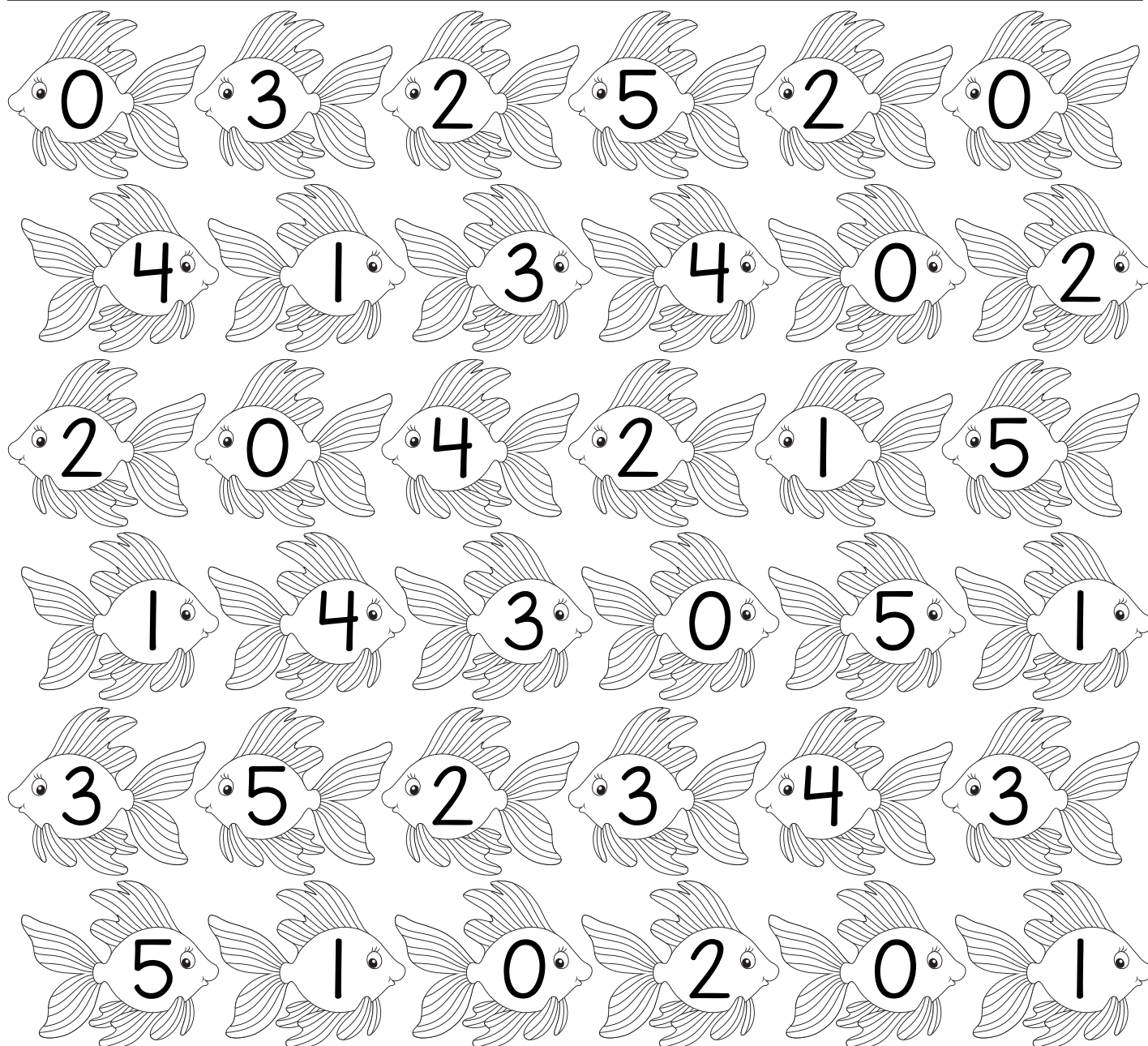
Game

You will need:

2 sets of coloured counters  (one set for each player),
2 dice  and a partner .


HOW TO PLAY

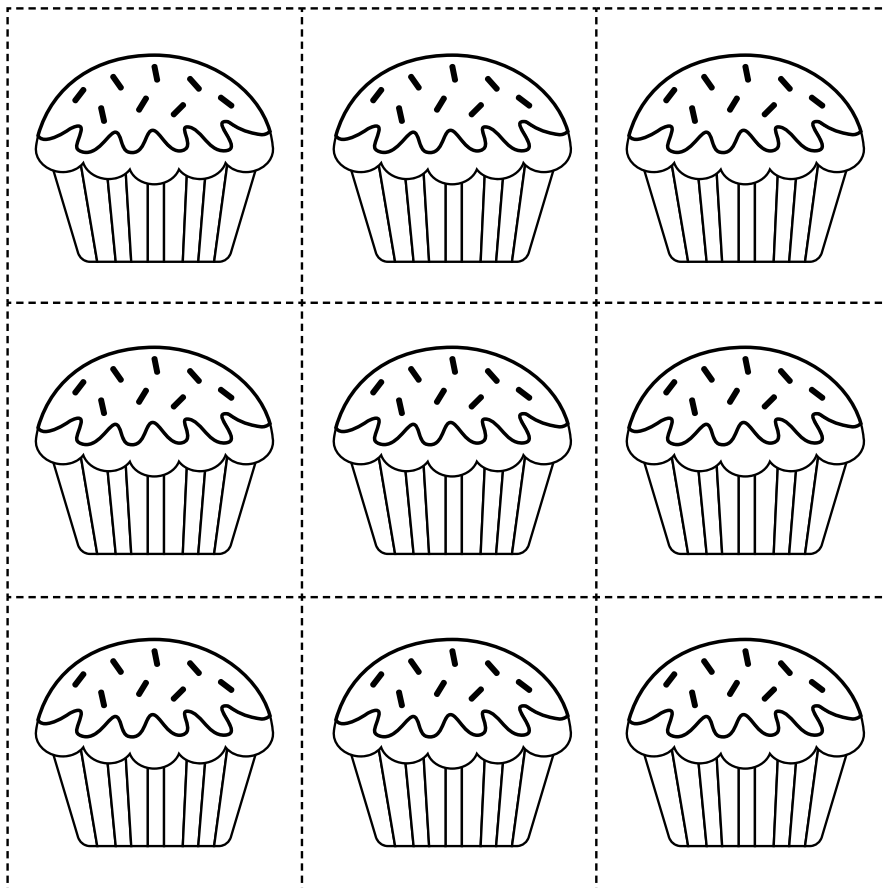
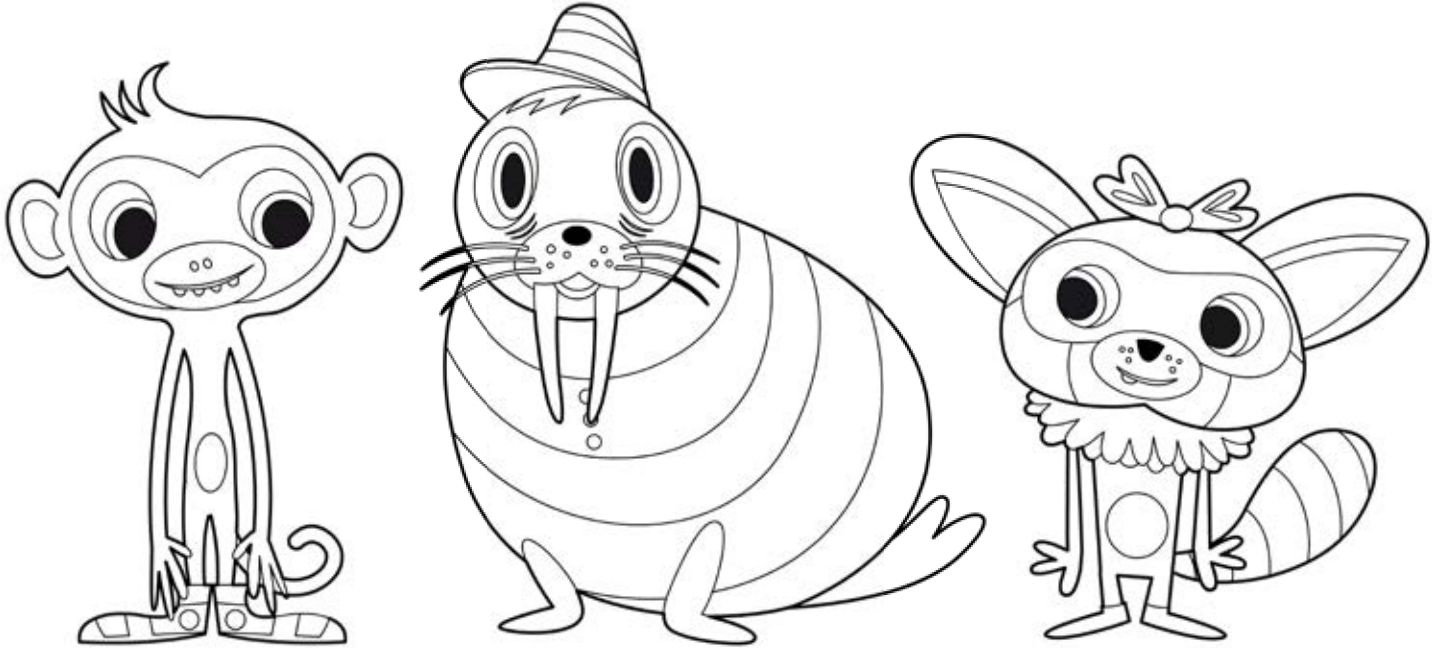
- 1 Take it in turns. Roll the dice and subtract the smaller number from the larger one.
- 2 Cover the fish that matches your answer.
- 3 The first person to cover 4 in a row is the winner.



Cupcakes

Practical activity

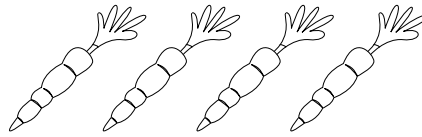
- 1 Cut out the 9 cupcakes.
- 2 Share them equally between Mango, Waldo and Ruby.
- 3 How many  each? _____



Equal shares

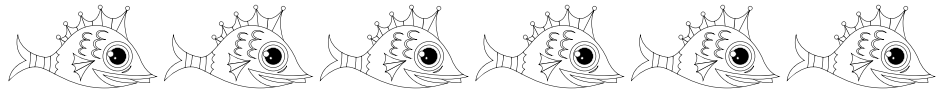
Share equally.

Draw.



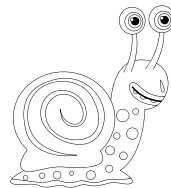
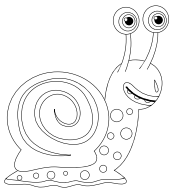
How many  each?

Draw.



How many  each?

Draw.

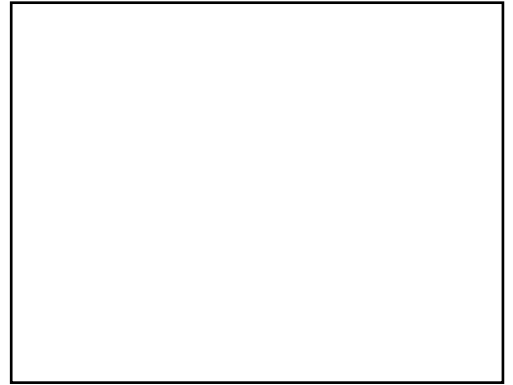
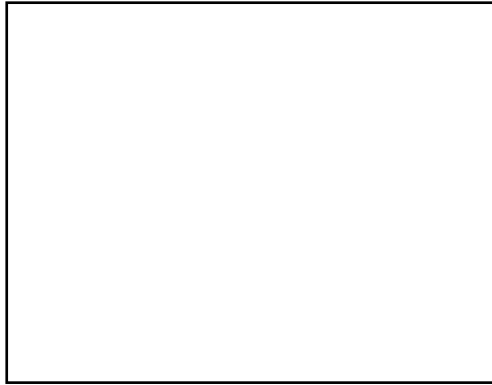
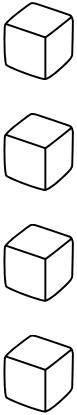


How many  each?

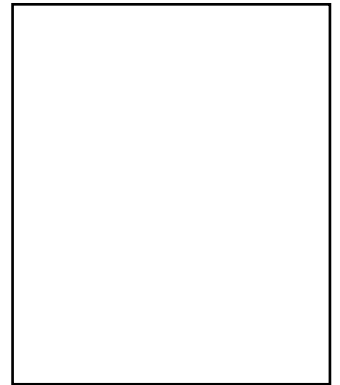
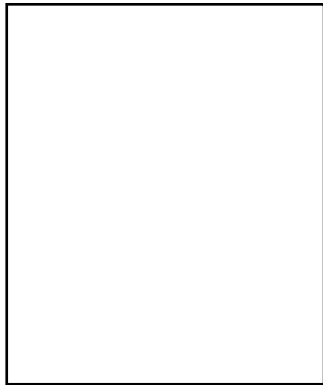
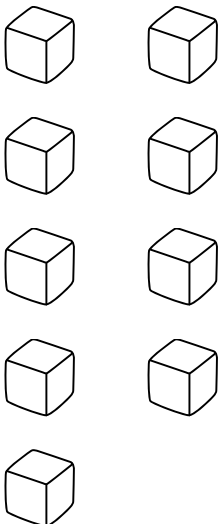
Blocks

Practical activity

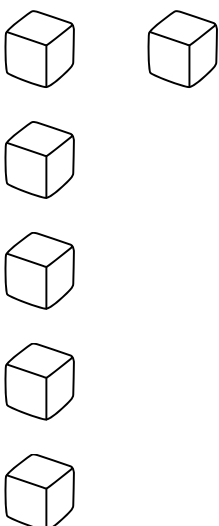
Use blocks. Share equally. Draw and write the answer.



How many each?



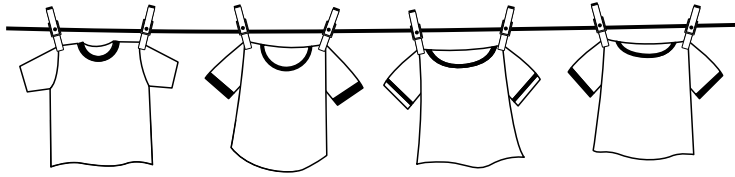
How many each?



How many each?

Clothes

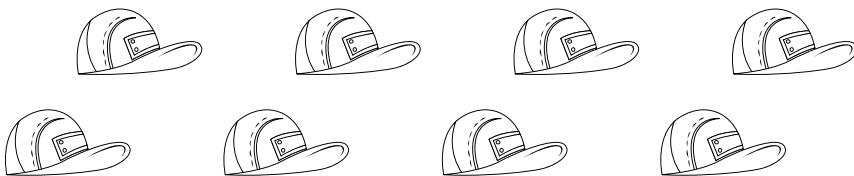
Draw lines to share equally.



How many each?



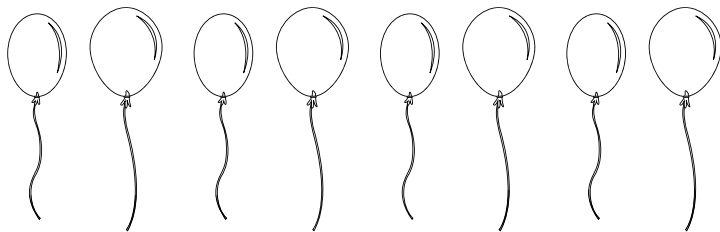
How many each?



How many each?

Party time!

1 Share the balloons equally.



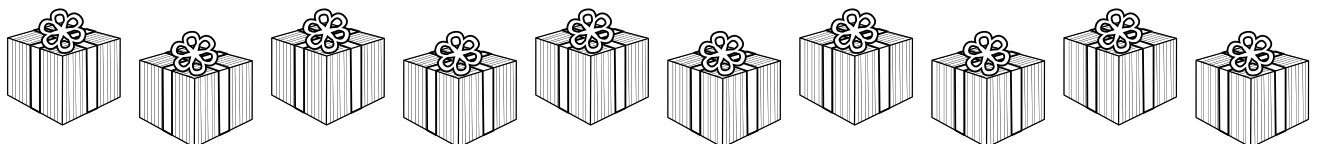
How many each?

2 Share the ice creams equally.



How many each?

3 Share the gifts equally.



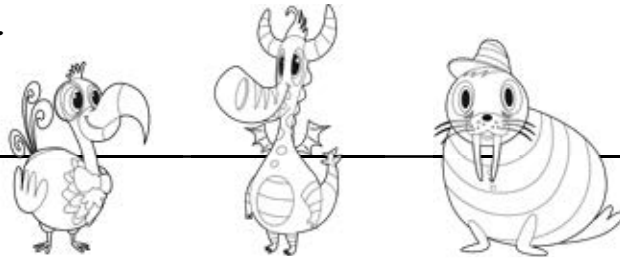
How many each?

Word problems 5

Word problems

- 1 Ruby has 9 books. She shares them equally between Doc, Dizzy and Waldo.

Draw.

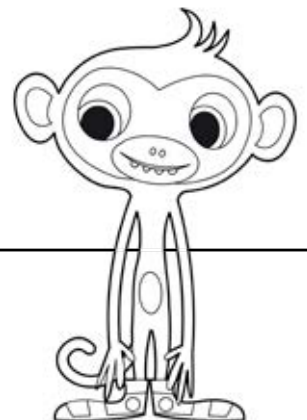
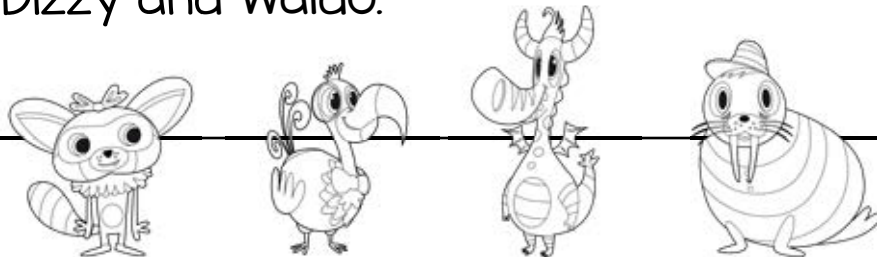


How many each?



- 2 Mango has 12 toy cars. She shares them equally between Ruby, Doc, Dizzy and Waldo.

Draw.

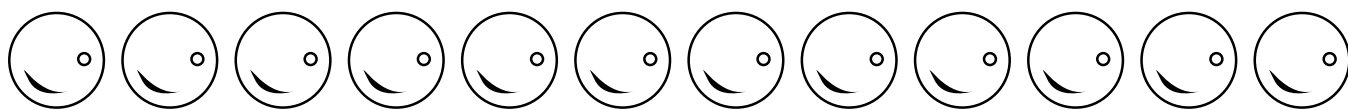


How many each?

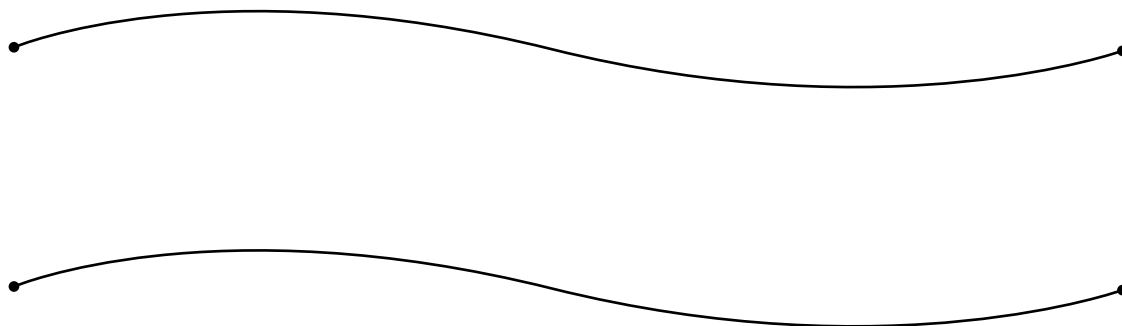


Problem solving

1 How can 12 beads be put on 2 strings?

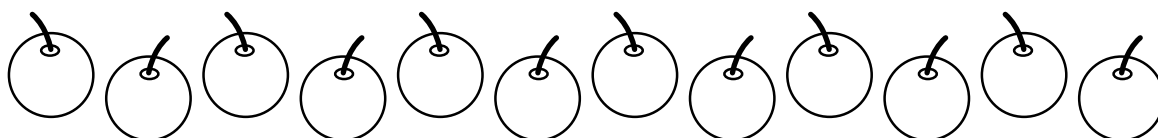


Draw.

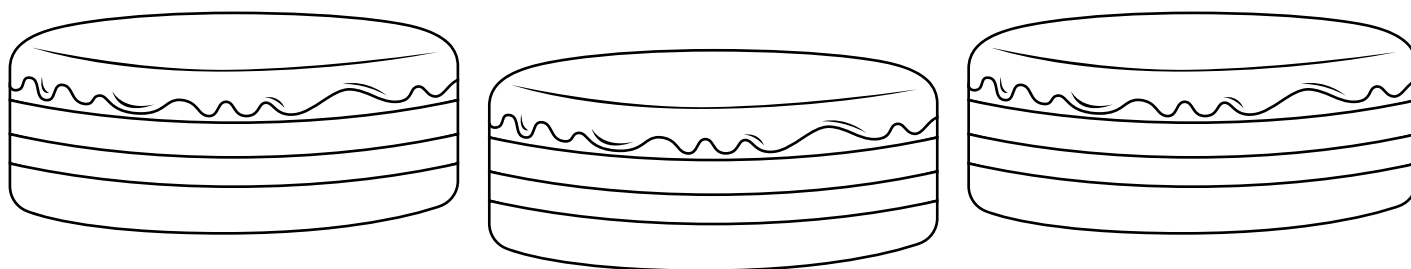


How many each?

2 How can 12 cherries be put on 3 cakes?





Draw.



How many each?

You will need:

12 counters ○, 2 dice , cubes  and a partner 😊.

HOW TO PLAY

- 1 Take turns. Roll the dice and add the numbers.
- 2 Count out the matching number of counters.
- 3 Share the counters between Ruby and Mango.
- 4 Pick up 2 cubes if you can share equally. Pick up 1 cube if you can't.
- 5 The winner is the first person to get 10 cubes.

