

Mathseeds

Between Reception and Year 1

BACK ON TRACK

MATHS • WEEK 3

Get on Track
for Year 1



www.mathseeds.co.uk



Welcome to Week 3

Fluency in operations – addition, subtraction, multiplication and division – is an essential mathematical building block.

Maths fact fluency is the ability to automatically recall basic maths facts, including number bonds to 10 or 20, their subtractive opposites, the times tables and related division facts. There are four elements of fluency: flexibility, appropriate strategy use, efficiency and accuracy. These elements differentiate maths fact fluency from traditional rote learning.

Improvements in this area flow through to all other maths lessons. Students who know their number facts are more confident and engaged mathematicians. This week we begin to suggest levels for your child to complete in our maths fact fluency section: **Mental Minute**.

The **Mathseeds** lessons teach concepts and strategies for operations and give children plenty of opportunities to practise their skills. However, the **Mental Minute** section is purely focused on developing fluency with maths facts. It provides regular practise for short periods of time – a key to developing maths fact fluency.

The **Mathseeds Mental Minute Sprints** are a powerful tool to improve maths fact fluency. In one minute, students focus on one set of maths facts and are motivated to improve their score to earn badges. They can only do this by improving both their *speed and accuracy*. The **Mental Minute** online format is fun, full of rewards and, most importantly, easy to play.

- 145 carefully sequenced sprints.
- All students start from the beginning to ensure complete fact mastery.
- As students make progress, the question sets become more challenging.
- Each **Mental Minute** set takes one minute to complete.
- Each new set includes new questions while also revising previous facts.
- Students will be motivated to earn the colourful badges as they build number fact fluency.
- With one-, two- and three-star levels to earn, students are focused and challenged to improve their instant recall of essential maths facts.

Encourage your child to earn a badge or two every time they log in to **Mathseeds**.

This booklet is the third of ten weekly booklets. The **Mathseeds** Back On Track programme provides a great way to make sure that your child knows the essentials they need. We know your child will enjoy learning on **Mathseeds** because **Mathseeds** makes learning fun!



Back On Track for Year 1

Week 3

Day 1 focus: Addition Problems

Online lesson: Lesson 30 – Add to 6

Worksheets: Word Problems 2, Doc's Bow Ties

Day 2 focus: Counting to 10

Online lesson: Lesson 31 – Counting to 10

Worksheets: Ten Frames, Dot to Dot

Day 3 focus: Add to 7

Online lesson: Lesson 32 – Add to 7

Worksheets: Addition Sums, Add to 7

Day 4 focus: Number Names to 10

Online lesson: Lesson 33 – Number Words to 10

Worksheets: Numbers 1-5, Numbers 6-10

Day 5 focus: Add to 10

Online lesson: Lesson 34 – Add to 10

Worksheets: Add to 10 Sums, Draw and Add

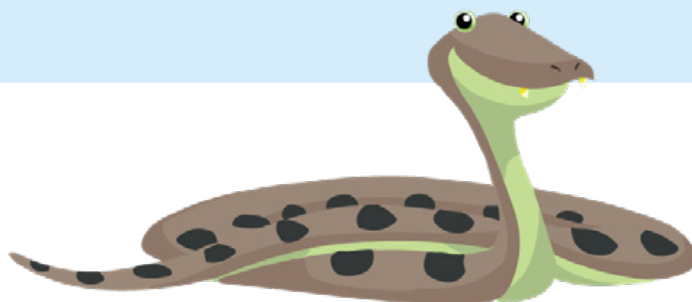
Week 3 Bonus

Poster: Numbers to 10

Online: Driving Tests Early Number 10 and Early Operations 1-8,
Mental Minute + – Badges 1-7

Sheets: Number words, Make 7

Game: Bingo!



Numbers to 10

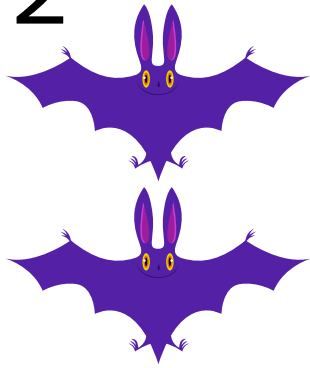


1



one

2



two

3



three

4



four

5



five

6



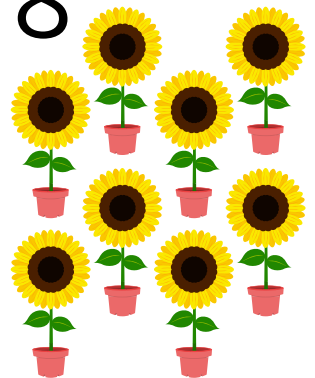
six

7



seven

8



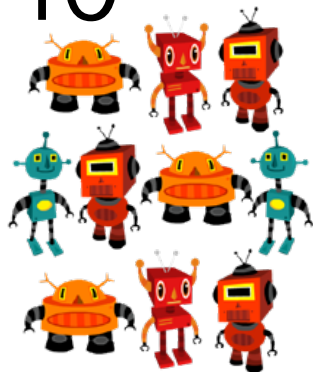
eight

9



nine

10



ten










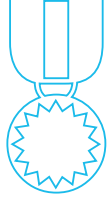
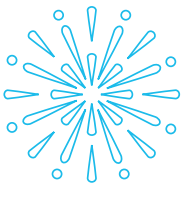

Week 3

Incentive chart for:

Colour each one when you have completed that day's work.

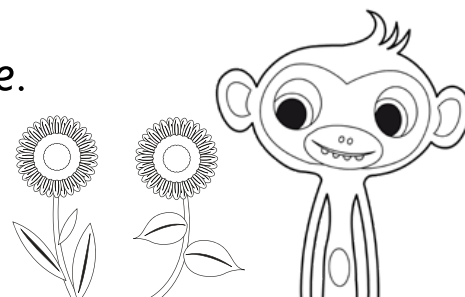
Week 3	Day 1	Day 2	Day 3	Day 4	Day 5
Online Lesson	30	31	32	33	34

Worksheets					
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Day Done!					
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Notes/thoughts/ideas

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

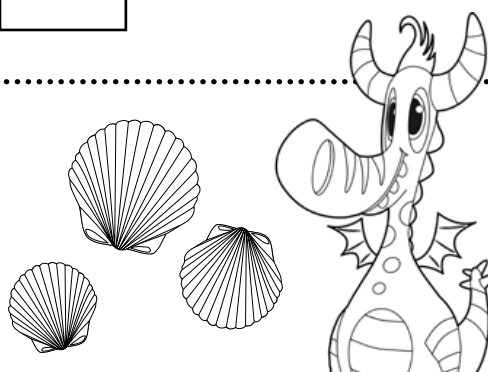


Draw. Write the number sentence.

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

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



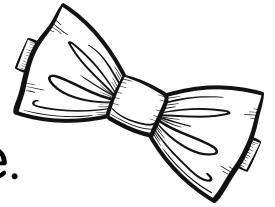
Draw. Write the number sentence.

	and	
--	-----	--

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

1 Read.

Doc has 4 bow ties. Ruby buys him 3 more.
How many bow ties does Doc have now?



2 Underline the question. 3 Circle the facts.

4 Draw a bar chart.

5 How did I solve the problem? Complete the sentences.

I knew that Doc had _____ bow ties.

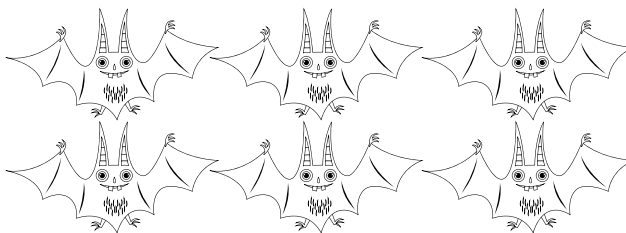
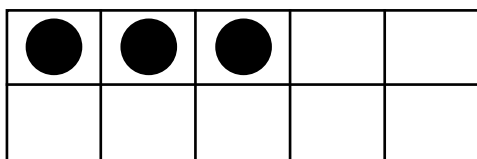
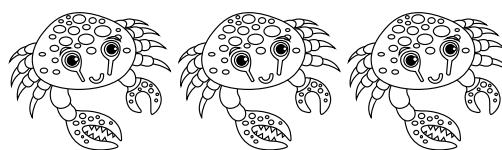
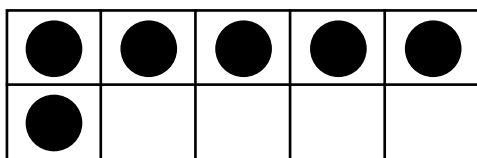
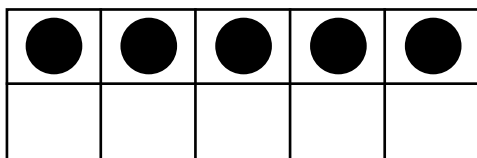
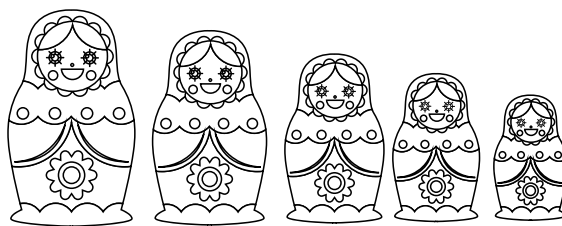
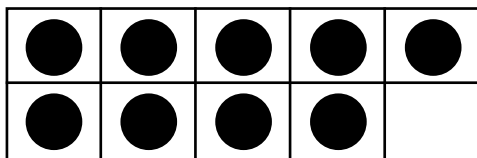
Ruby bought Doc _____ more
bow ties.

I counted _____ bow ties altogether.

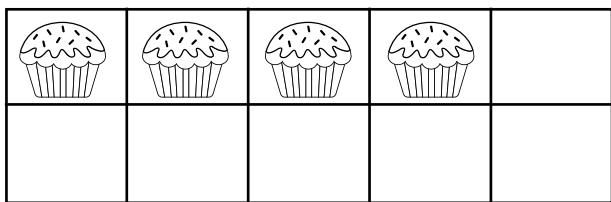


6 Could you have solved this problem in a different way?

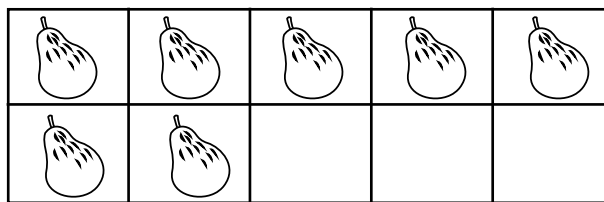
1 Draw lines to match.



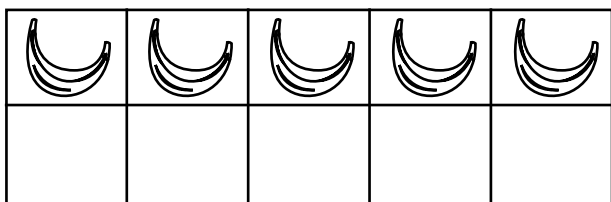
2 Fill the ten frames.



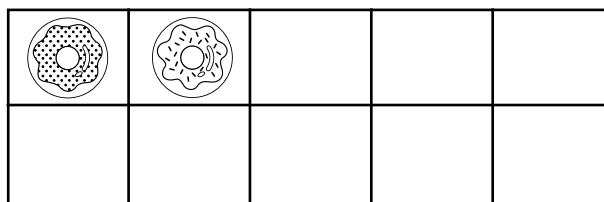
$$\boxed{4} + \boxed{} = \boxed{10}$$



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

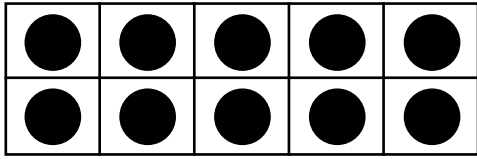


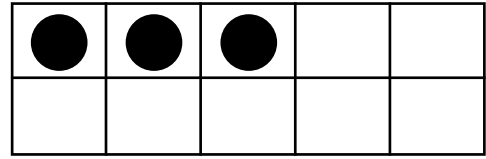
$$\boxed{5} + \boxed{} = \boxed{10}$$



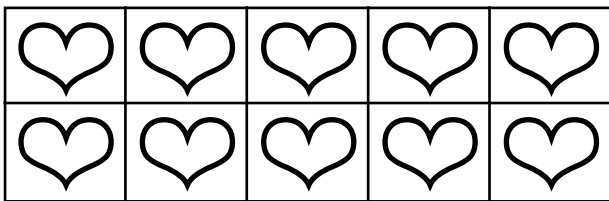
$$\boxed{2} + \boxed{} = \boxed{10}$$

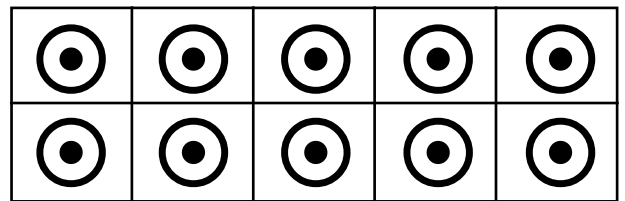
1 How many?



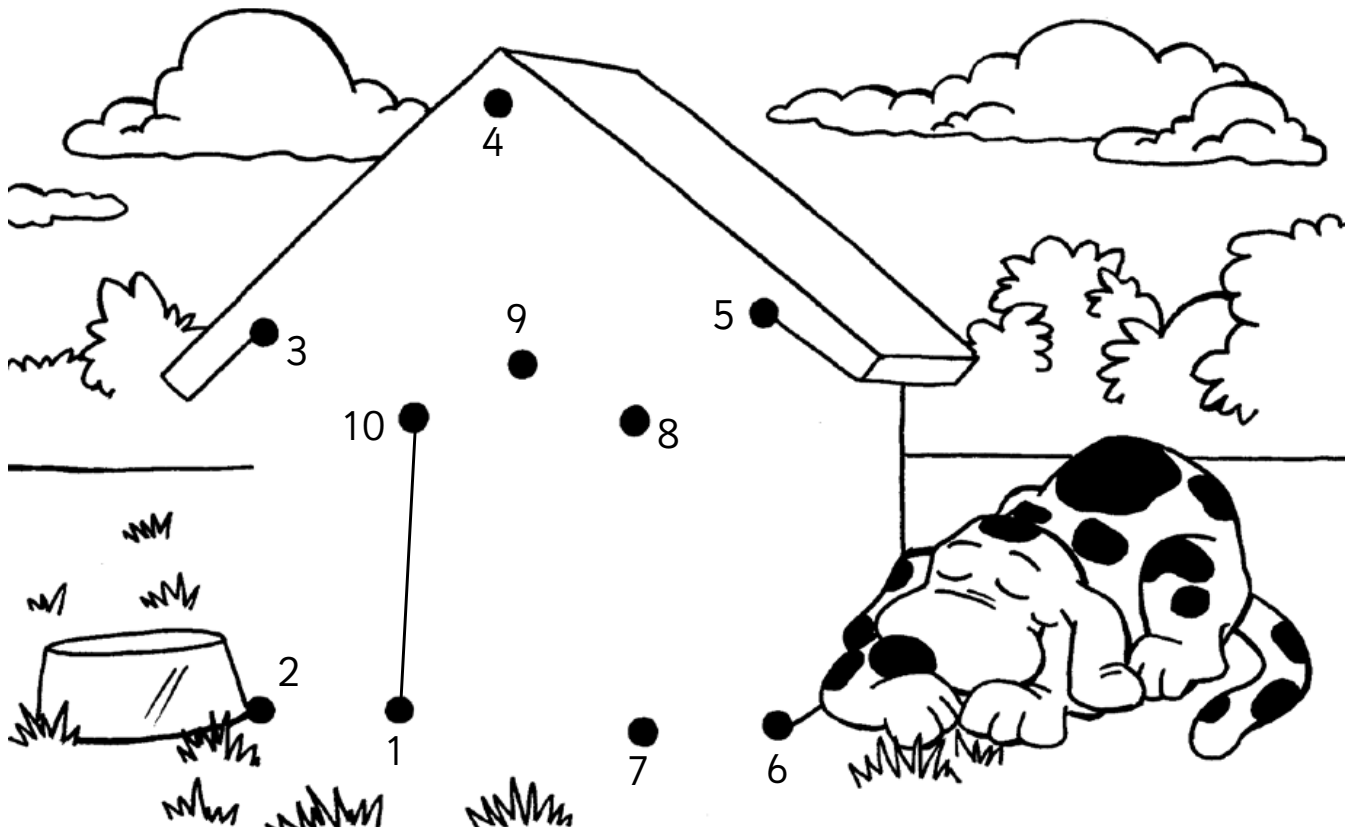


2 Colour.

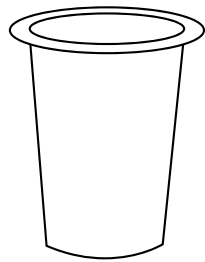




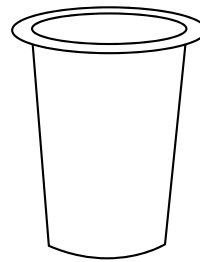
3 Complete the dot to dot.



1 Draw.



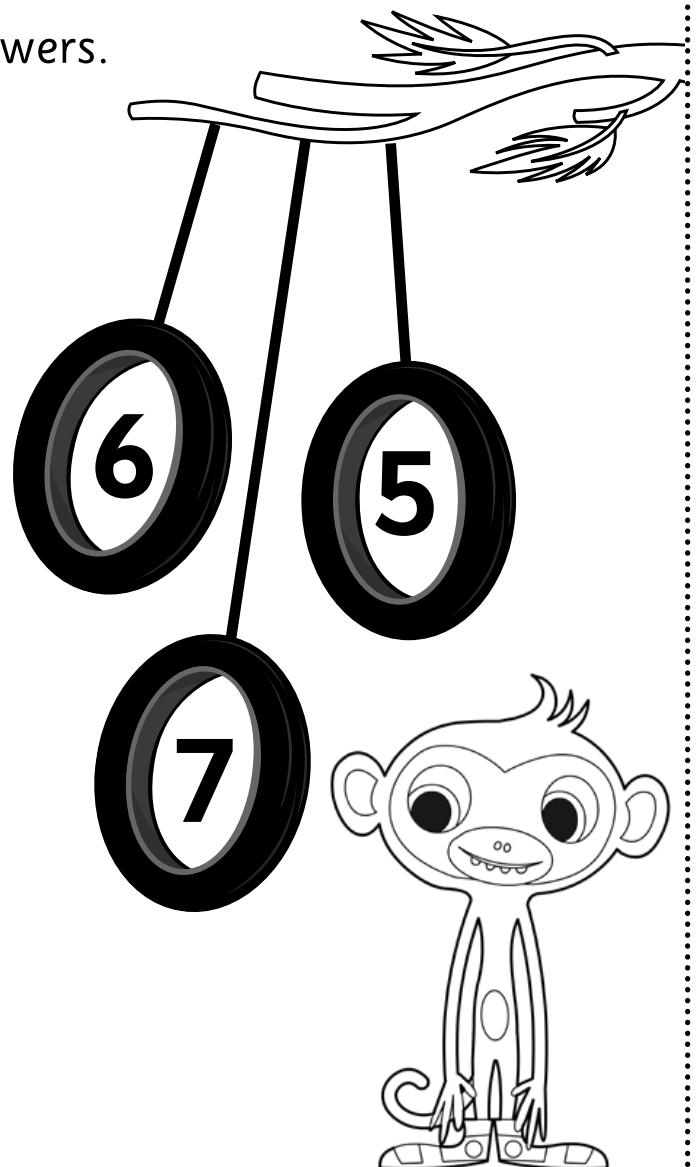
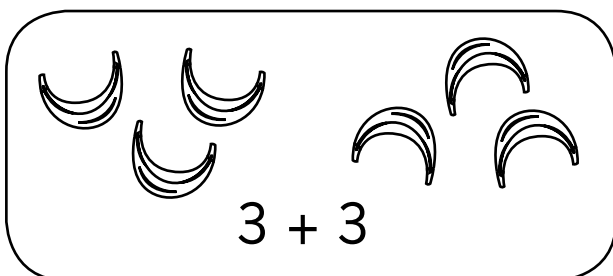
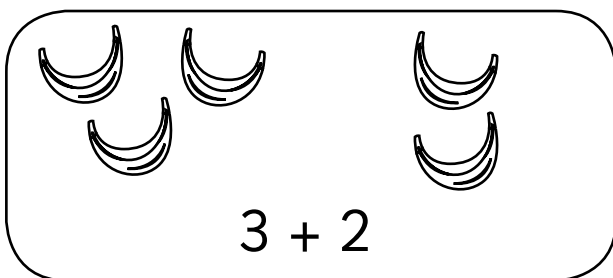
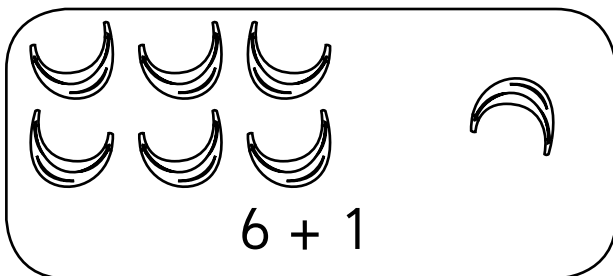
4 straws



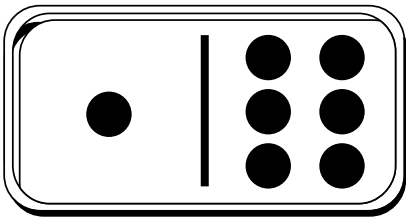
3 straws

$$\square + \square = \square \text{ straws}$$

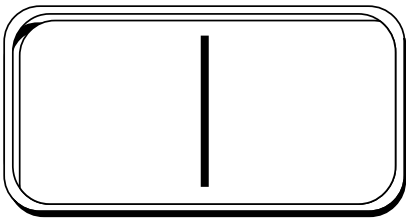
2 Join Mango's sums to the answers.



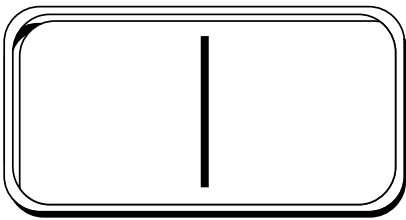
Show 5 ways to add to 7.



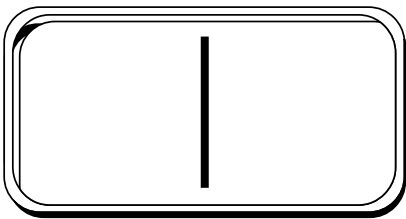
$$\square + \square = \boxed{7}$$



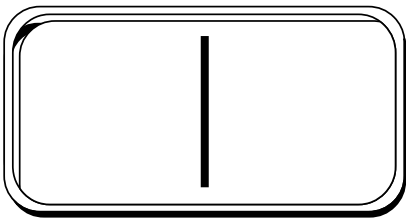
$$\square + \square = \boxed{7}$$



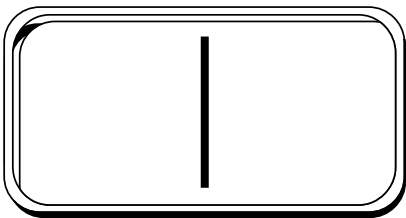
$$\square + \square = \boxed{7}$$



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



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

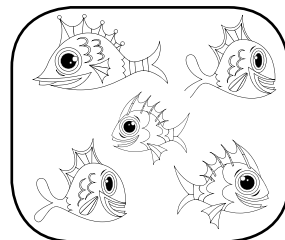


$$\square + \square = \boxed{7}$$

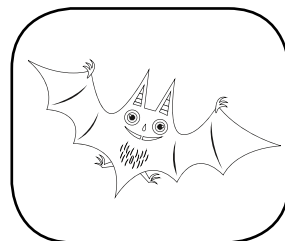
Trace and match.



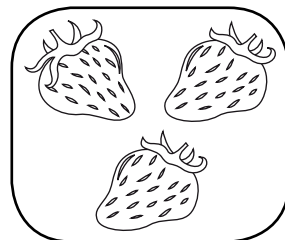
one



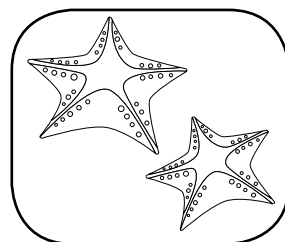
two



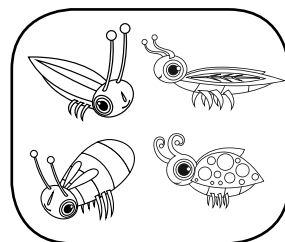
three



four



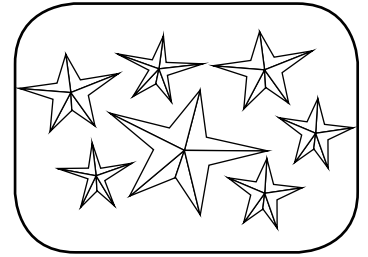
five



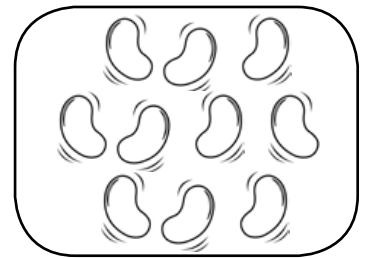
Trace and match.



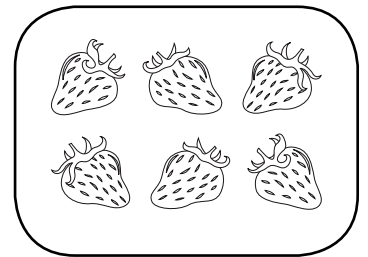
six



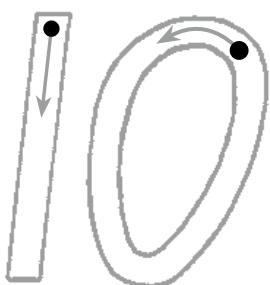
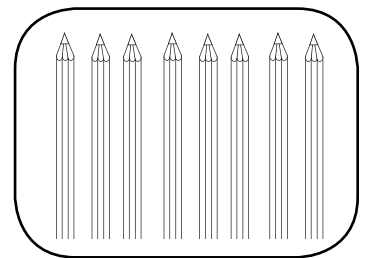
seven



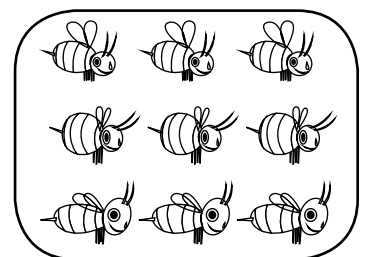
eight



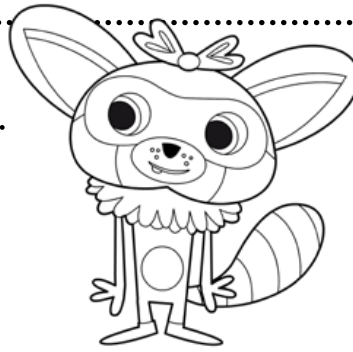
nine



ten



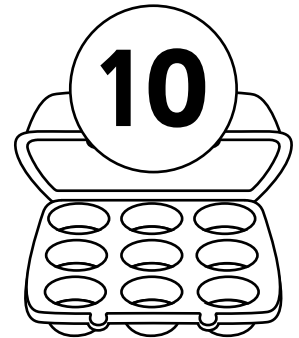
1 Join Ruby's sums to the answers.



$8 + 2$

$4 + 4$

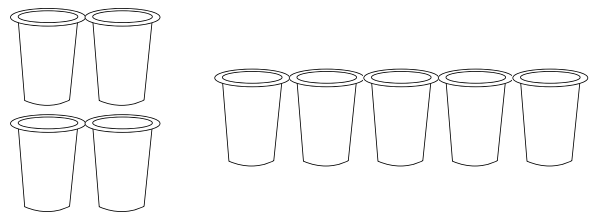
$3 + 6$



2 Complete the number sentences.



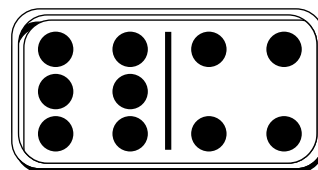
$5 + 3 = \square$



$4 + \square = \square$



$5 + \square = \square$



$\square + \square = \square$

1 Draw and add.

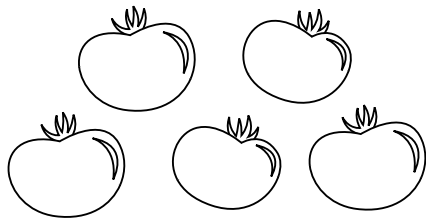


6

and

4

makes



5

and

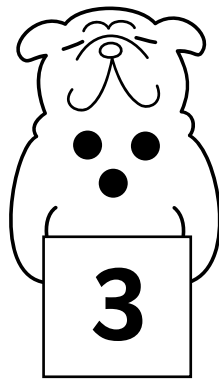
4

makes



7

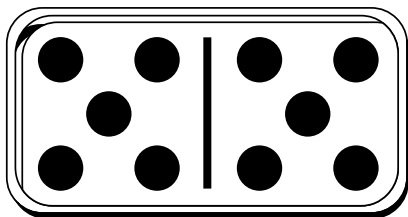
and



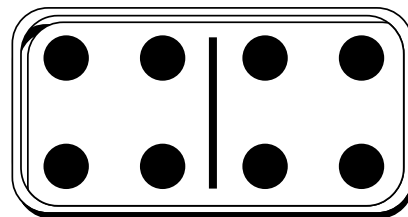
3

makes

2 Complete the number sentences.

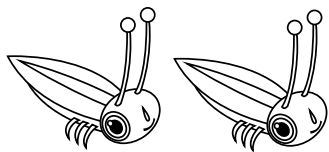


$$\square + \square = \square$$

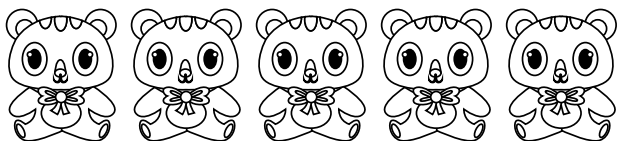


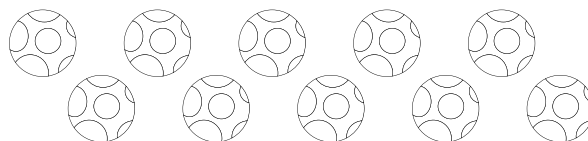
$$\square + \square = \square$$

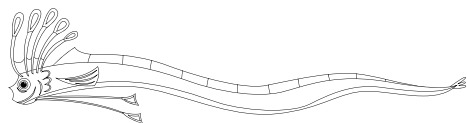
Write the number words.

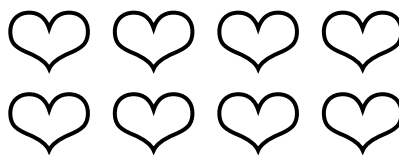


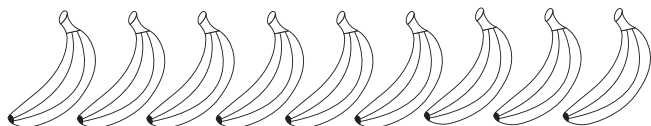




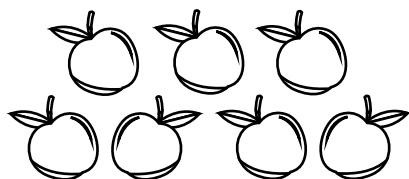


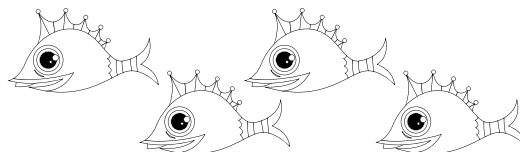






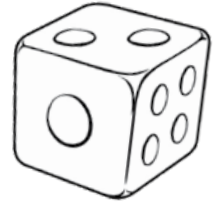






1 Read.

Roll a dice. Write the number you rolled in the first box. How many more make 7?
Roll 4 times and complete the 4 sums.



2 Underline the question. 3 Circle the facts.

4 Write a list of your results.

and

make 7

and

make 7

and

make 7



and

make 7

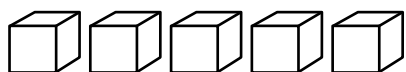
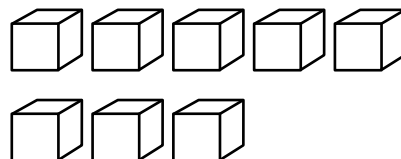
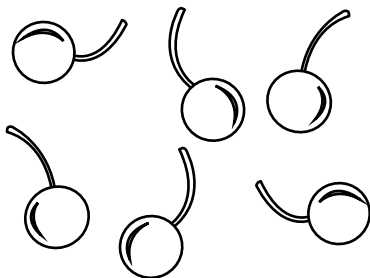
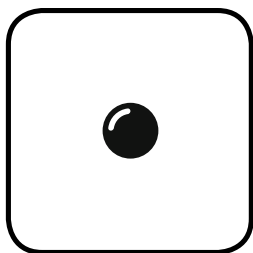
5 Can you find any more ways to make 7?

You will need scissors  and a partner 😊.

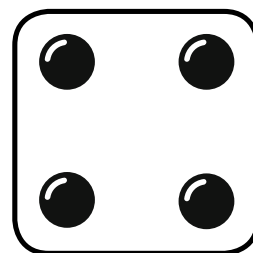
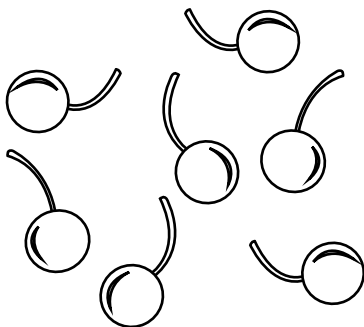
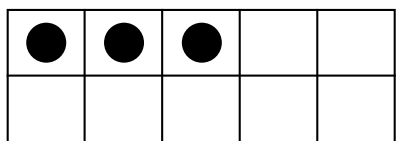
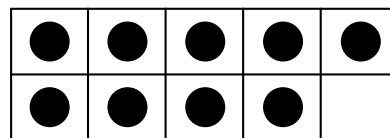
- 1 Cut out the bingo cards on the next page. Make a pile.
- 2 You and your partner will both need a My Bingo Card.
- 3 You each write numbers between 1 to 10 in the panels.
- 4 Take turns to turn over the top card in the pile.
- 5 If it matches a number on your bingo card, cross it out.
- 6 The first one to cross out all six numbers is the winner. BINGO!

My Bingo Card

My Bingo Card

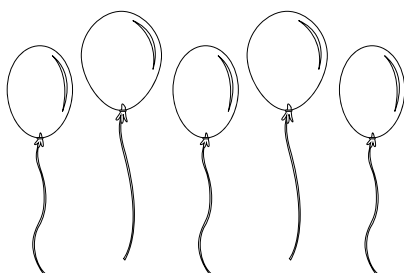
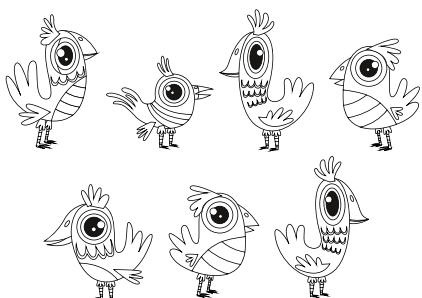
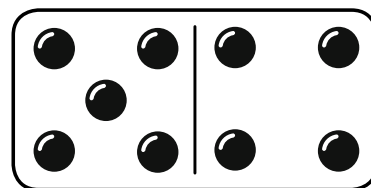


two



ten

eight



four



Mathseeds



Yippee!



You have finished
Week 3!



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