
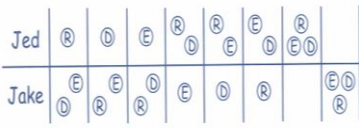


Year 3 - Maths – Summer 2 Week 3



	Day 1 Activity	Day 2 Activity	Day 3 Activity	Day 4 Activity	Day 5 Activity
Mental Maths (to aid fluency)	Rapid Reasoning: See below for details.	Rapid Reasoning: See below for details.	Rapid Reasoning: See below for details.	Times table Rockstars: Challenge a friend or Mr Spalding to a Rock Slam. Practise your 8 and 11 times tables.	Mathletics: Log in and complete some activities. You can also see tasks set by Mr Spalding or practise your 7 and 9 times tables.
Maths No Problem workbook	<u>MNP workbook</u> Revision 4, pages 207-212.	<u>MNP workbook</u> End of Year Revision, pages 213 – 228. Turn back to relevant pages in the book to help is you need to.	<u>White Rose Maths</u> Recognise and describe 2-D shapes See below	<u>White Rose Maths</u> Recognise and describe 3-D shapes See below	<u>White Rose Maths</u> Draw accurately See below
Problem of the day	CGP KS2 Maths 10-minute weekly workout book Workout 6, page 12	Countdown Game. 50 100 3 1 4 8 Only using digits from the six above, make the number 598 . Remember you can only use the digits once. You can also play this game online .	CGP KS2 Maths 10-minute weekly workout book Workout 7, page 14	Problem of the week. Stamps Tilly's parcel cost 55p to post. She stuck on eight stamps. Each stamp was either 10p or 5p.  How many of each stamp did Tilly stick on her parcel? Make up your own puzzle like this. Ask a friend to do it.	CGP KS2 Maths 10-minute weekly workout book Workout 8, page 16
Tips, clues or methods to help	Read the questions carefully. Ask an adult to view the answers if you need to check something.	Start by making 150, then multiply it by 4.	Read the questions carefully. Ask an adult to view the answers if you need to check something.	<u>Last week's answer:</u> 	Send Mr Spalding a message on the question page.

Day 1: Rapid Reasoning

Rapid Reasoning | Questions

Year 3 | Week 3 | Day 1

Q1 James writes his house number on a piece of paper.

He says, "100 more than my number is 742."

What house number does James live at?

1 mark

Q2 Ashleigh has only written part of these number sentences.

Complete the missing numbers.

$$\square \div 5 = 5$$

$$\square \times 2 = 18$$

1 mark

Q3



Write two different ways to make 20p using only these coins.

2 marks

Day 2: Rapid Reasoning

Rapid Reasoning | Questions

Year 3 | Week 3 | Day 2

Q1 Put these cards into the spaces below to make two correct number sentences.

Use each card once.

\times \div $=$ $=$

$$14 \square 2 \square 7$$

$$8 \square 2 \square 16$$

1 mark

Q2 Leah starts on the number 0 and counts forwards in 50s.

After zero, she says another six numbers.

What number does Leah count to?

1 mark

Q3

$$9 \times 10 \quad \square$$

$$100 \div 10 \quad \square$$

$$16 \div 2 \quad \square$$

$$3 \times 5 \quad \square$$

Tick all the calculations that will still give the same answer if you swapped the two numbers cards.

1 mark

Day 3: Rapid Reasoning

Q1 Molly arranges some counters to make an array.
She uses it to represent a multiplication fact and a division fact.



Write two facts that the array shows.

× =

÷ =

1 mark

Q2 Bilal uses the same three digit cards to make two numbers.
He marks the numbers on a number line.



What are Bilal's two numbers?

A =

B =

1 mark

Day 3 Main Activity

Recognise and describe 2D shapes



1 Match the shapes to the labels.



square



pentagon



triangle



hexagon

2 Use the words to label the shapes.

rectangle

hexagon

circle

triangle

pentagon

a)



c)



b)



d)

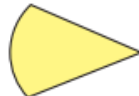


3 Dora and Ron each have a shape.

a)



My shape has three sides, so it is a triangle.



Why is Dora incorrect?

b)



My shape is a house.



Why might Ron think that? Talk to a partner.

What is the mathematical name for Ron's shape?



4 Here are some shapes.

a) Which shapes are quadrilaterals?

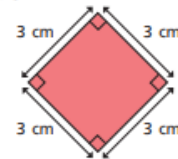


b) Draw three more quadrilaterals.

What do you notice about all the shapes you have drawn?



c) Is this shape a square?



Compare answers with a partner.



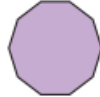
Day 3 Main Activity continued

- 5 This shape is a hexagon.



Why is it a hexagon?

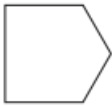
- 6 What is the name of each shape?



How do you know? Talk about it with a partner.

- 7 Each shape has at least one pair of parallel sides.

Which sides are parallel?



Day 4 Main Activity

Recognise and describe 3D shapes

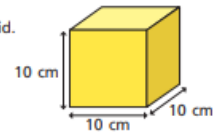
- 1 Kim paints the faces of some 3D shapes. She stamps the faces on to a sheet of paper. Match the stamp to the 3D shape.



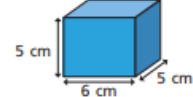
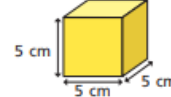
- 2 A cube is a special type of cuboid.

What is special about each face of a cube?

Talk about it with a partner.



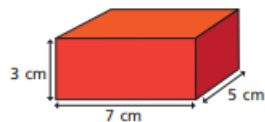
- 3 Which of the shapes is a cube?



Day 4 Main Activity continued

Recognise and describe 3D shapes

- 4 Here is a cuboid.



What do you notice about the opposite faces of a cuboid?

- 5 Match the 3D shapes to the labels.



square-based pyramid

cylinder

cone

- 6 Here are some shapes.




- a) Which shapes are triangular prisms?



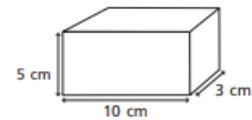
- b) Which shapes are spheres?



- 7 Complete the table.

Shape	Number of edges	Number of faces	Number of vertices
			
			
			

- 8 Here is a cuboid.

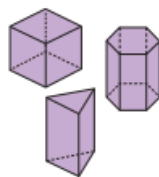


- a) Shade a face that is a 5 cm by 3 cm rectangle.

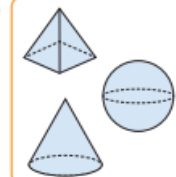
- b) What are the measurements of one of the other faces?

- 9 Huan sorts some shapes into prisms and non-prisms.

Prisms



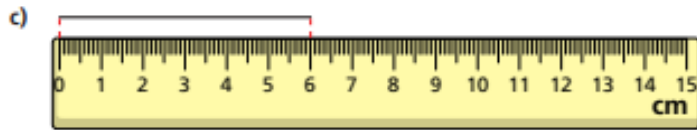
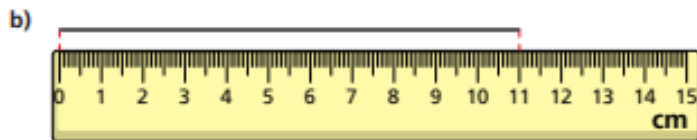
Non-prisms



Talk to a partner about what a prism is like.

Can you find any prisms and non-prisms in your classroom?

1 How long is each line?



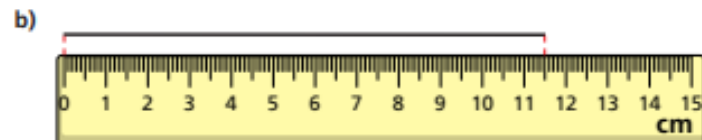
2 Draw two lines that are each 5 cm long.

3 Dani says the line is 10 cm long.



- a) What mistake has Dani made?
- b) How long is the line?

4 What is the length of each line in millimetres?



c) _____

5 Use a ruler to draw the lines.

- a) Draw a line 8 cm long.
- b) Draw a line 80 mm long.

What do you notice about the lines you have drawn? Why is this?

6 Use a ruler to help you answer the questions.

- a) Draw a 4 cm by 4 cm square.
- b) Measure the length of the diagonal.

Give your answer in millimetres.

7 Draw a rectangle 8 cm long and 32 mm wide.

- 8 a) Make a sketch of the triangle.
- b) Use your drawing to work out the perimeter of the triangle.

