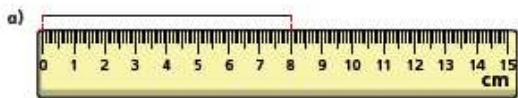


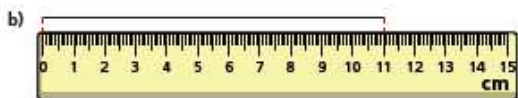
Draw accurately



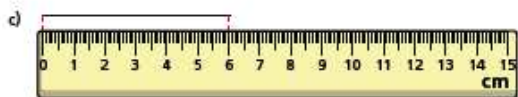
1 How long is each line?



cm



cm



cm

2 Draw two lines that are each 5 cm long.

5 Use a ruler to draw the lines.

a) Draw a line 8 cm long.

b) Draw a line 80 mm long.

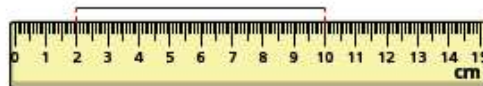
What do you notice about the lines you have drawn?

Why is this?

6 Use a ruler to help you answer the questions.

a) Draw a 4 cm by 4 cm square.

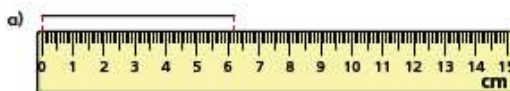
3 Dani says the line is 10 cm long.



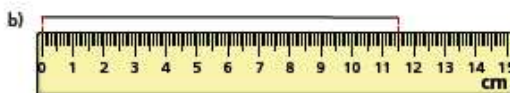
a) What mistake has Dani made?

b) How long is the line? cm

4 What is the length of each line in millimetres?



mm



mm

d) _____

mm

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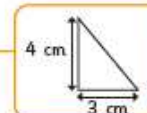
b) Measure the length of the diagonal.

Give your answer in millimetres.

mm

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.

cm

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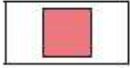
Recognise and describe 2D shapes



1 Match the shapes to the labels.



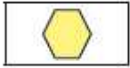
square



pentagon



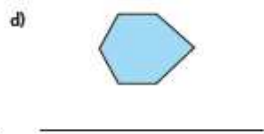
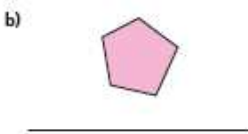
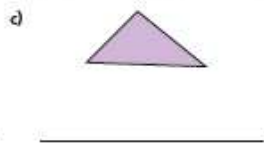
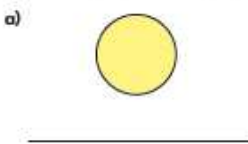
triangle



hexagon

2 Use the words to label the shapes.

rectangle hexagon circle triangle pentagon



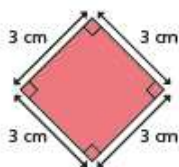
b) Draw three more quadrilaterals.



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

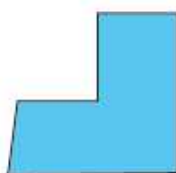
d) Is this shape a square?

Circle your answer. yes no



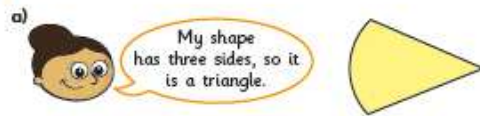
Compare answers with a partner.

5 This shape is a hexagon.



Why is it a hexagon?

3 Dora and Ron each have a shape.



Why is Dora incorrect?

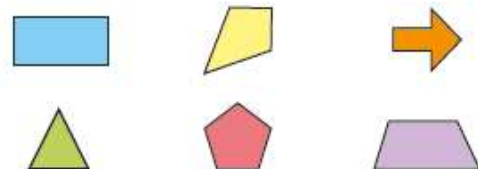


Why might Ron think that? Talk to a partner.

What is the mathematical name for Ron's shape?

4 Here are some shapes.

a) Circle all the quadrilaterals.



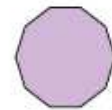
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6 What is the name of each shape?





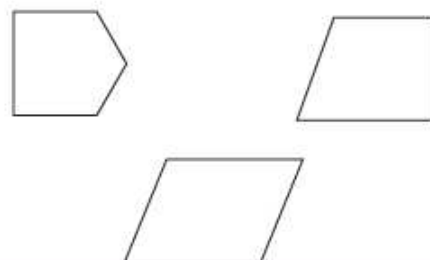




How do you know? Talk about it with a partner.

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

Draw on the shapes to show the parallel sides.



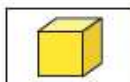
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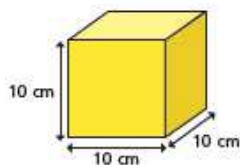
Recognise and describe 3D shapes



- 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.

- 6 Here are some shapes.

a) Circle all the triangular prisms.



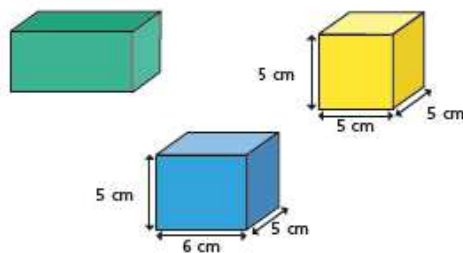
b) Circle all the spheres.



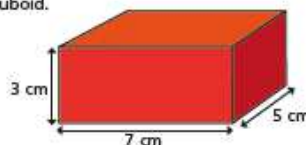
- 7 Complete the table.

Shape	Number of edges	Number of faces	Number of vertices

- 3 Which of the shapes is a cube? Tick your answer.

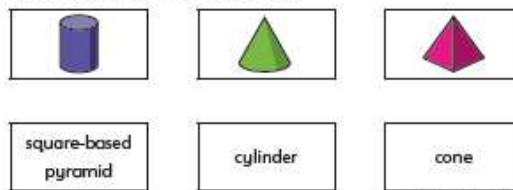


- 4 Here is a cuboid.



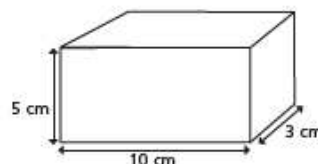
What do you notice about the opposite faces of a cuboid?

- 5 Match the 3D shapes to the labels.



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- 8 Here is a cuboid.

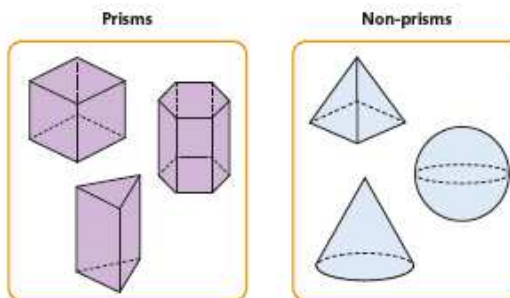


a) Shade a face that is a 5 cm by 3 cm rectangle.

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

cm by cm

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



Talk to a partner about what a prism is like.

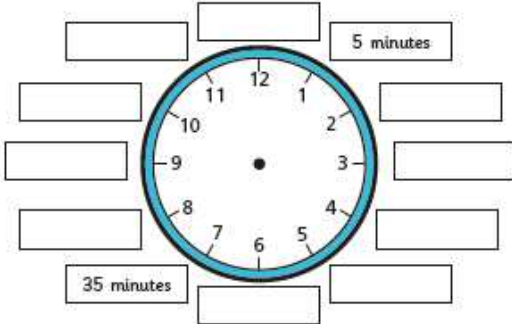
Can you find any prisms and non-prisms in your classroom?



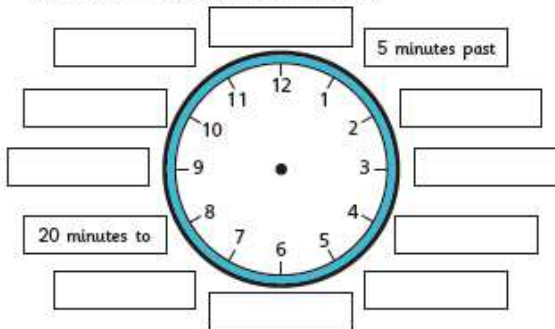
Telling the time to 5 minutes



1 Label the clock to show the number of minutes past the hour.

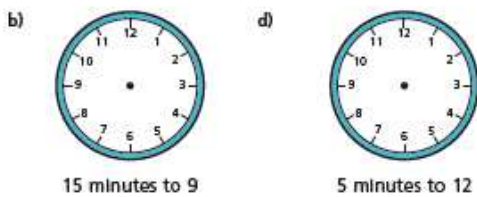
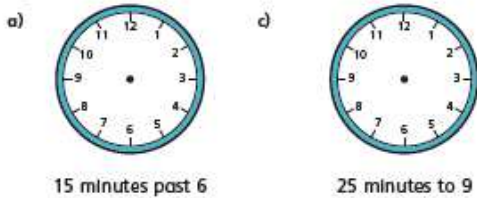


2 Label the clock to show what time would be shown if the minute hand was pointing to each interval.



Is there more than one possible answer for each label?

3 Draw the hands on the clocks to show the correct times.



6 Jack wants to tell the time, but the hour hand has fallen off the clock.



There are 12 different possible times it could be during a full day.



Do you agree with Jack? _____

Talk about it with a partner.



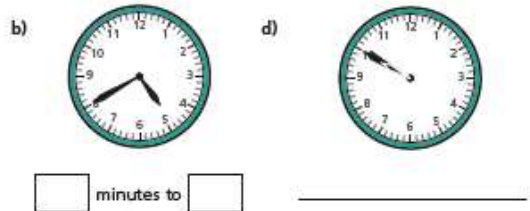
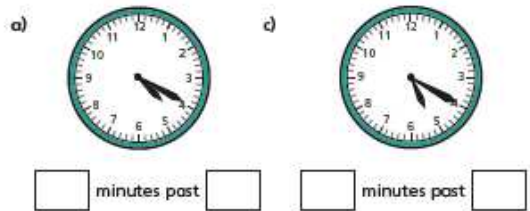
The hour hand is pointing just after 5 and the minute hand is pointing to 2, so the time is 2 minutes past 5



What mistake has Ron made?

What time is it? _____

4 What time is shown on each clock?

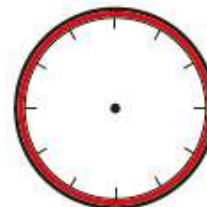


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7 The minute hand and the hour hand of a clock are both pointing to an even number. It is before midday. What times could it be? Give three possible answers.

Compare answers with a partner. Can you find any more?

8 The numbers of the clock face were written in Roman numerals but they have been rubbed off. The current time has a V in the hour and a V in the minutes.



What time could it be? Draw your answer on the clock. Are there any other answers?

Talk about it with a partner.

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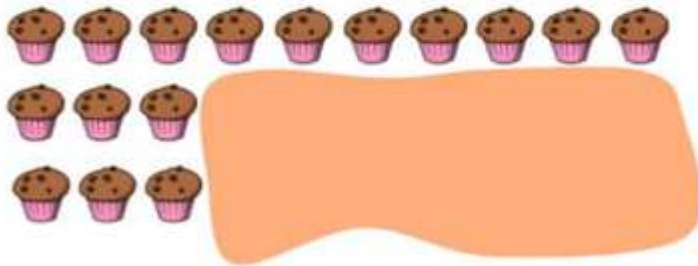
TTRS- complete minimum of 5 games. Where will you end up on the leaderboard this week?

These are activities to keep our maths learning 'sticky'. Select at least 2 of the activities below to complete your maths lesson today.

- Maths games set as 2Dos on Purple Mash
- BBC Bitesize game- [Guardians Defenders of Mathematica](#)

Challenge 1

30 cakes are arranged in an array. Some of the cakes are hidden.



Challenge 2

Work out the missing numbers.

$$10 \times 2 = 5 \times \text{blue circle}$$

$$10 + 2 = 5 + \text{orange triangle}$$

$$10 \div 2 = 5 \div \text{green square}$$

$$10 - 2 = \text{yellow heart} - 5$$

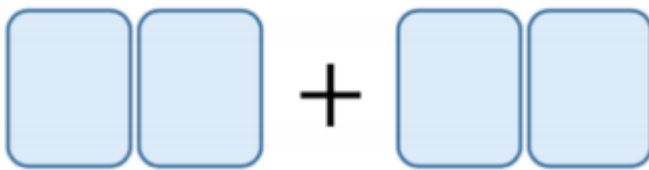
Challenge 3

Danni has these four digit cards.



Danni uses all four cards to make two 2-digit numbers.

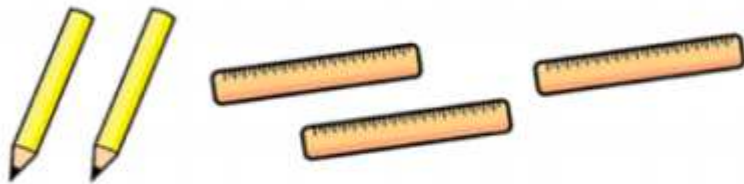
She then adds the two numbers together.



What is the greatest total she can make?

Challenge 4

Sonny buys 2 pencils and 3 rulers.



Each pencil costs 69p.

Sonny pays with a £5 note and receives £1.07 change.

How much does a ruler cost?