Maths Planning and Ideas

Week Commencing: Monday 29. 06. 2020

Year Group: Year 3

	Monday	Tuesday	Wednesday	Thursday	Friday
Area of Learning	LC:Can you draw accurate lines?	LC: Can you recognise and describe 2D shapes?	LC: Can you recognise and describe 3D shapes?	LC: Can you tell the time to 5 minutes?	LC: Can you problem solve?
Activity	**Starter:** Times Table Rockstars Battle of the Bands have been set for Y3 children. Don't forget to use Rock Slam to individually challenge others in your class or year group. **Main:** Go to the following website: https://whiterosemaths.com/homelearning/year-3/ Summer Term - Week 10 (w/c 29nd June) Lesson 1 Watch the video. Pause if you need to take notes or replay sections to help with understanding. **Independent Task:** Children to complete activity found in resources.	**Starter:** Times Table Rockstars Battle of the Bands have been set for Y3 children. Don't forget to use Rock Slam to individually challenge others in your class or year group. **Main:** Go to the following website: https://whiterosemaths.com/homelearning/year-3/ Summer Term - Week 10 (w/c 29nd June) Lesson 2 Watch the video. Pause if you need to take notes or replay sections to help with understanding. **Independent Task:** Children to complete activity found in resources.	**Starter:** Times Table Rockstars Battle of the Bands have been set for Y3 children. Don't forget to use Rock Slam to individually challenge others in your class or year group. **Main:** Go to the following website: https://whiterosemaths.com/homelearning/year-3/ Summer Term - Week 10 (w/c 29nd June) Lesson 3 Watch the video. Pause if you need to take notes or replay sections to help with understanding. **Independent Task:** Children to complete activity found in resources.	**Starter:** Times Table Rockstars Battle of the Bands have been set for Y3 children. Don't forget to use Rock Slam to individually challenge others in your class or year group. **Main:** Go to the following website: https://whiterosemaths.com/homelearning/year-3/ Summer Term - Week 10 (w/c 29nd June) Lesson 4 Watch the video. Pause if you need to take notes or replay sections to help with understanding. **Independent Task:** Children to complete activity found in resources.	**Starter:** Times Table Rockstars Battle of the Bands have been set for Y3 children. Don't forget to use Rock Slam to individually challenge others in your class or year group. **Main:** Go to the following website: https://whiterosemaths.com/homelearning/year-3/ Summer Term - Week 10 (w/c 29nd June) Friday Challenge questions 1- 4 Children used there strategies to problem solve the challenges. **Independent Task:** Children to complete activity found in resources.

	Answers can be found in resources.	Answers can be found in resources.	Answers can be found in resources.	Answers can be found in resources.	Answers can be found in resources.

Where can I complete further work?

Twinkl – Subscription service used by schools is offering a free premium service for teachers, parents and children to use whilst schools are closed. Enter the code **UKTWINKLHELPS** for access to worksheets, powerpoints and interactive games to support all areas of learning.

Classroom Secrets – Free Maths, Reading and Grammar home learning packs and interactive resources for all ages.

White Rose Maths – Free Maths home learning resources for all ages. Watch the videos and try the questions.

Primary Stars – Free Maths home learning packs for Year 1 and 2.

BBC Bitesize Primary – Free learning resources available for KS1 and KS2 across all subjects.

I See Maths – Free daily home maths lessons hosted by Gareth Metcalfe. Follow the link for videos, information and resources.

Top Marks – Free educational resources and games for English and Maths.

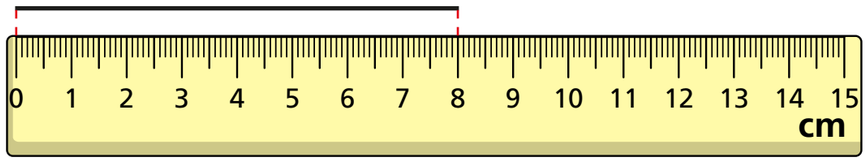
ICT Games – Free educational resources and games for English and Maths.

29. 06. 2020

Draw accurately

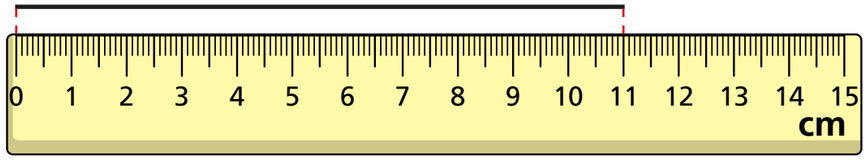
1 How long is each line?

a)



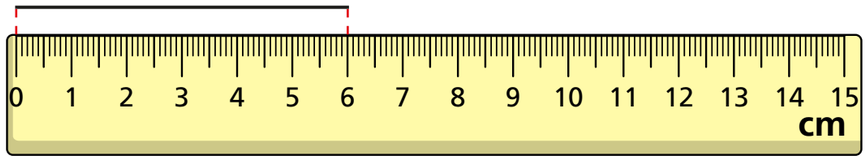
☐ cm

b)



☐ cm

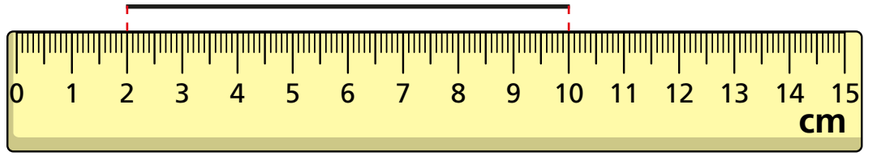
c)



☐ cm

2 Draw two lines that are each 5 cm long.

3 Dani says the line is 10 cm long.

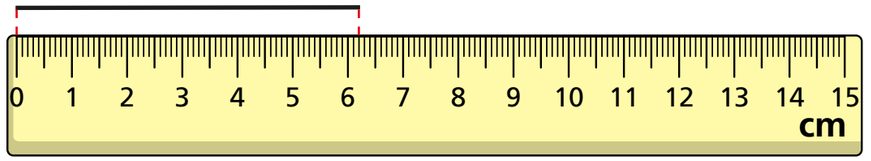


a) What mistake has Dani made?

b) How long is the line? ☐ cm

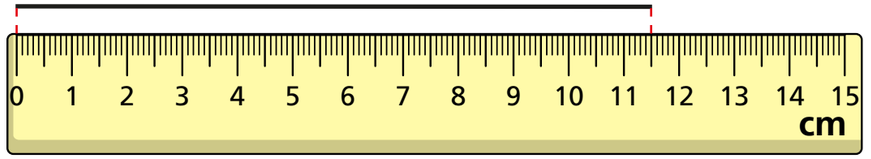
4 What is the length of each line in millimetres?

a)



☐ mm

b)



☐ mm

c)

☐ mm

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.

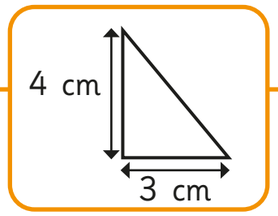
b) Measure the length of the diagonal.

Give your answer in millimetres.

mm

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

8 **a)** Make a sketch of the triangle.



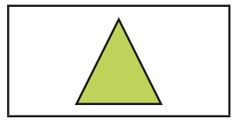
b) Use your drawing to work out the perimeter of the triangle.

cm

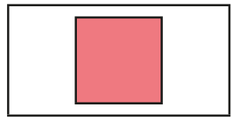
30. 06. 2020

Recognise and describe 2D shapes

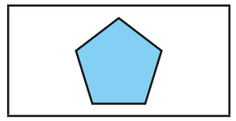
1 Match the shapes to the labels.



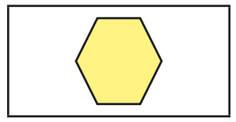
square



pentagon



triangle

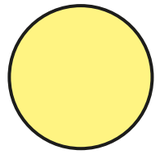


hexagon

2 Use the words to label the shapes.

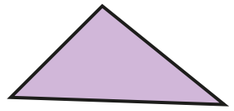
rectangle | hexagon | circle | triangle | pentagon

a)



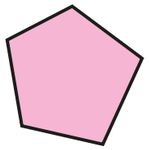
_____

c)



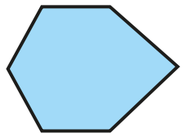
_____

b)



_____

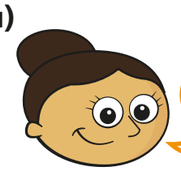
d)



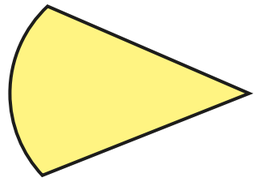
_____

3 Dora and Ron each have a shape.

a)



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

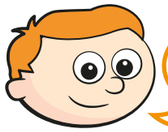


Why is Dora incorrect?

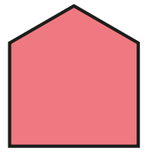
_____

_____

b)



My shape is a house.



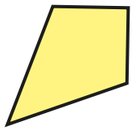
Why might Ron think that? Talk to a partner.

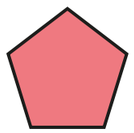
What is the mathematical name for Ron's shape?

_____

4 Here are some shapes.

a) Circle all the quadrilaterals.



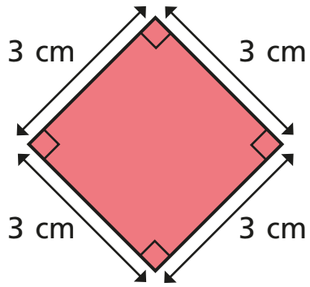


b) Draw three more quadrilaterals.

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

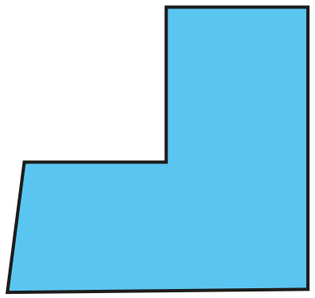
c) Is this shape a square?

Circle your answer. **yes** **no**



Compare answers with a partner.

5 This shape is a hexagon.

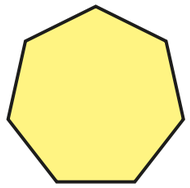


Why is it a hexagon?

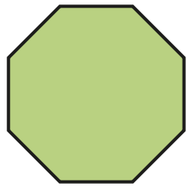
_____

_____

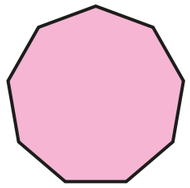
6 What is the name of each shape?



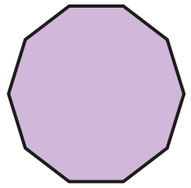
_____



_____



_____

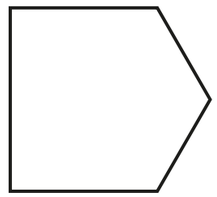


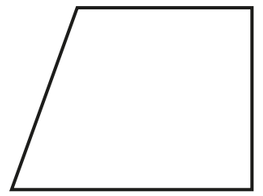
_____

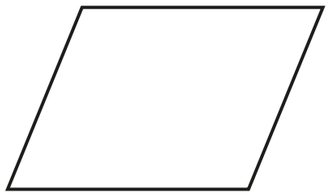
How do you know? Talk about it with a partner.

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

Draw on the shapes to show the parallel sides.







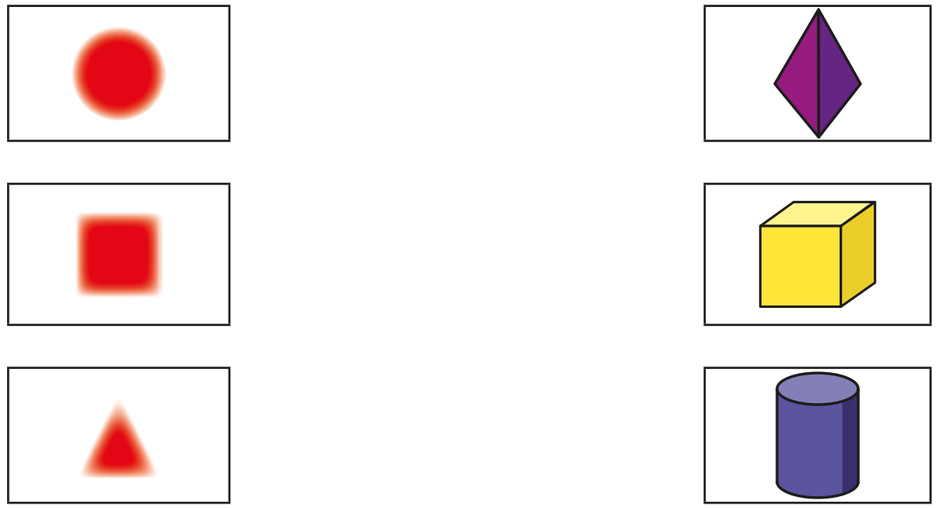
01. 07. 2020

Recognise and describe 3D shapes

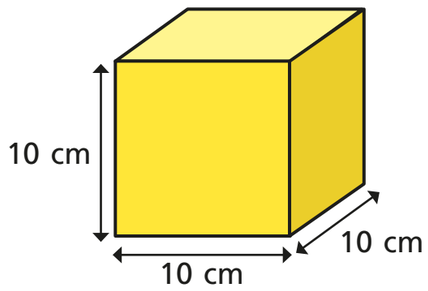
1 Kim paints the faces of some 3D shapes.

She stamps the faces on to a sheet of paper.

Match the stamp to the 3D shape.



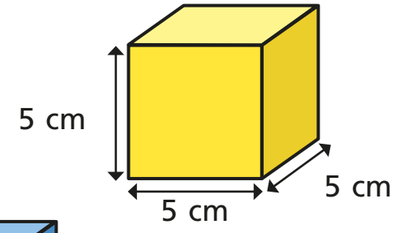
2 A cube is a special type of cuboid.

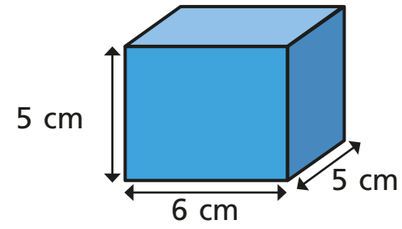


What is special about each face of a cube?

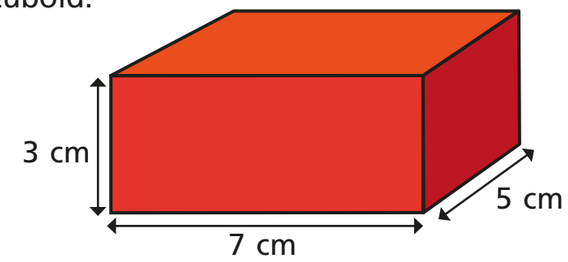
Talk about it with a partner.

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





4 Here is a cuboid.



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

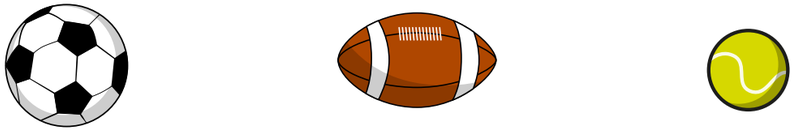
5 Match the 3D shapes to the labels.

square-based pyramid	cylinder	cone

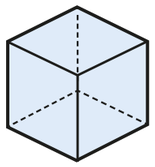
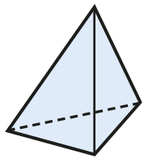
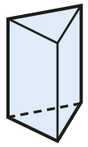
6 Here are some shapes.

a) Circle all the triangular prisms.

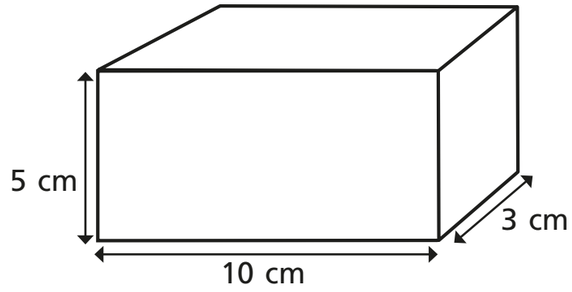
b) Circle all the spheres.



7 Complete the table.

Shape	Number of edges	Number of faces	Number of vertices
			
			
			

8 Here is a cuboid.



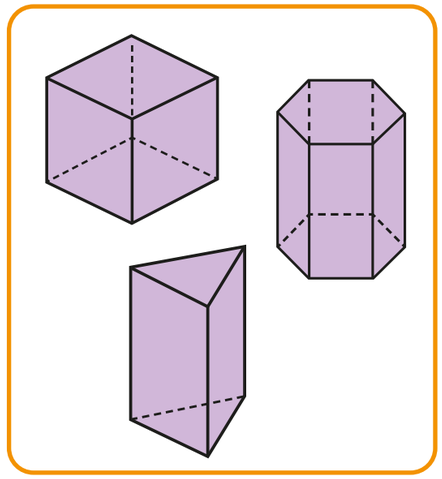
a) Shade a face that is a 5 cm by 3 cm rectangle.

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

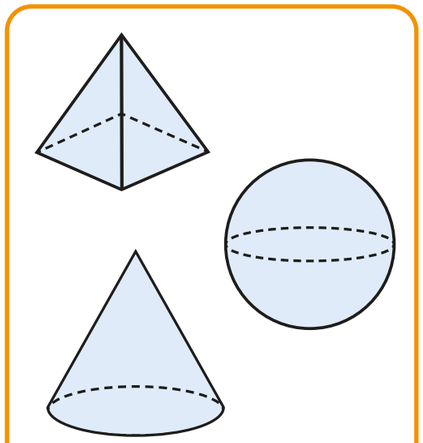
☐ cm by ☐ cm

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

Prisms



Non-prisms



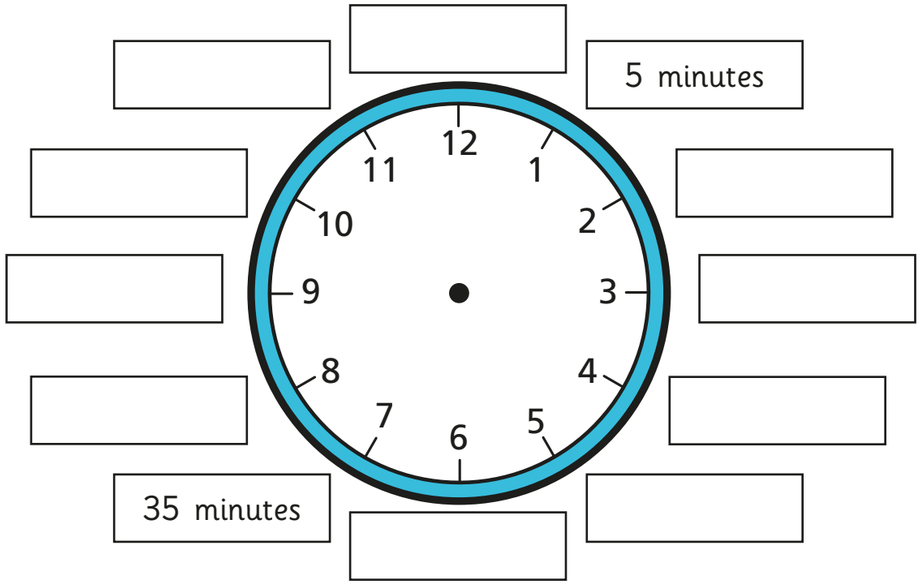
Talk to a partner about what a prism is like.

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

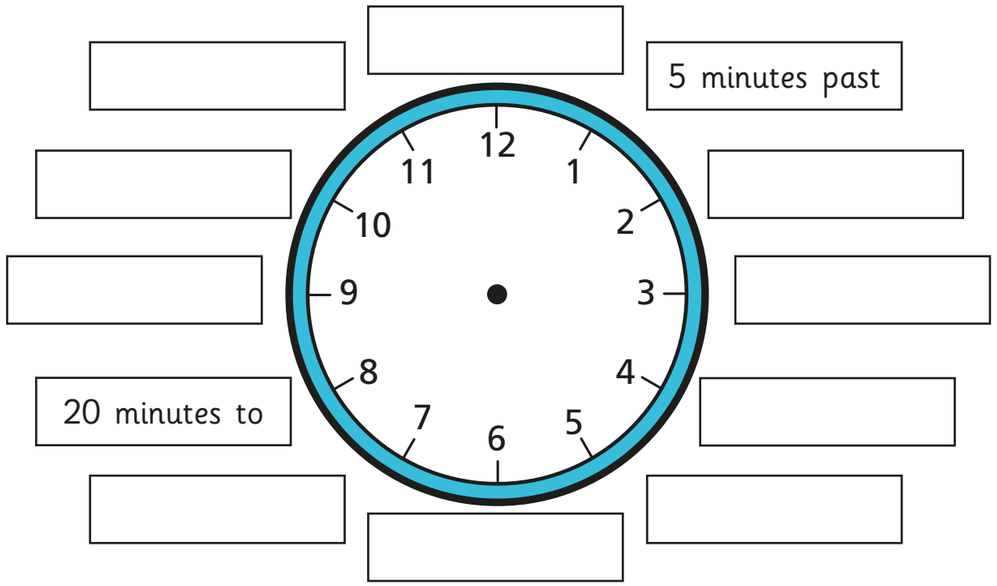
02. 07. 2020

Telling the time to 5 minutes

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

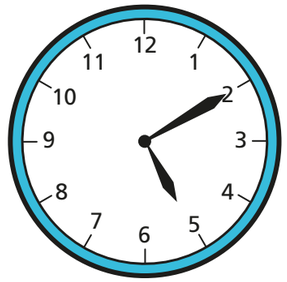


2 Label the clock to show what time would be shown if the minute hand was pointing to each interval.



Is there more than one possible answer for each label?

3



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?

a)

_____ minutes past _____

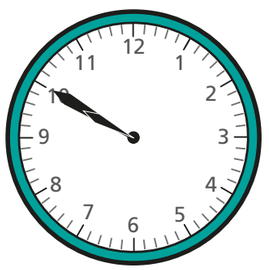
c)

_____ minutes past _____

b)

_____ minutes to _____

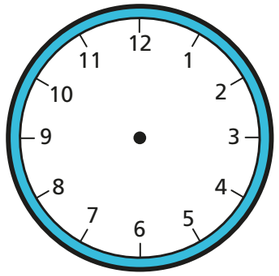
d)



_____

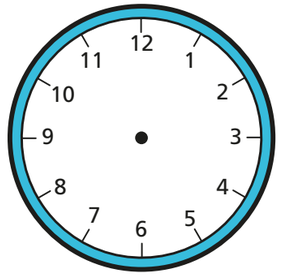
5 Draw the hands on the clocks to show the correct times.

a)



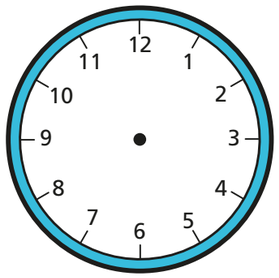
15 minutes past 6

c)



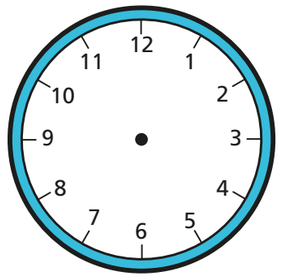
25 minutes to 9

b)



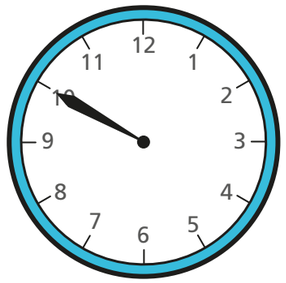
15 minutes to 9

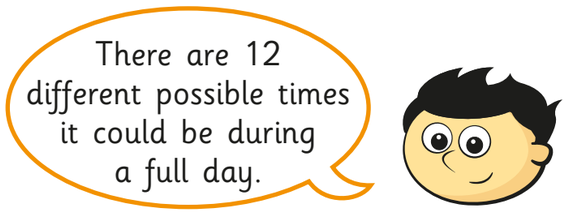
d)



5 minutes to 12

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





Do you agree with Jack? _____

Talk about it with a partner.

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.

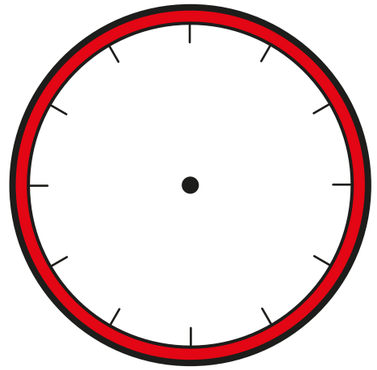
_____

_____

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.