

Class 4 online learning: Thursday 27th January

If you are feeling well enough today, have a go at the online learning below! Try to also complete 20 minutes of reading if you can, but make sure you get plenty of rest. That takes priority. If you do complete the online learning today, please get in touch and send in images via ClassDojo; I would love to see how you have found the tasks!

Take care,

Miss Secker 😊

Morning activities

Morning starter

Have a go at one of the maths mats below. You can decide which one to attempt based on how confident you feel:

- 1-star = need a bit more practice
- 2-star = feeling pretty confident
- 3-star = feeling very confident and would like a challenge

Year 6 Summer 2 Maths Activity Mat 2

2

Section 1

What is the value of the digit in the ten thousands place in the number 619 568?

Section 2

A theatre sells 536 tickets. 137 are adult tickets, 86 are student tickets. The rest are child tickets. How many child tickets are sold?

Section 3

Calculate:

$$9 \overline{) 4734}$$

Section 4

Use $<$, $=$, or $>$ to compare these fractions:

$\frac{7}{5}$		$\frac{13}{10}$
$\frac{15}{6}$		$\frac{8}{3}$
$\frac{5}{2}$		$\frac{10}{4}$

Section 5

Calculate

$0.4 \times 5 =$

$6 \times 0.2 =$

$0.04 \times 6 =$

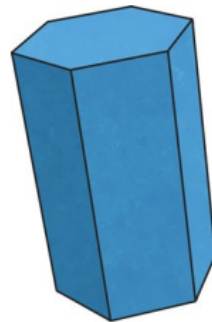
Section 6

There are 5 miles is 8 km.

How many kilometres are in 25 miles?

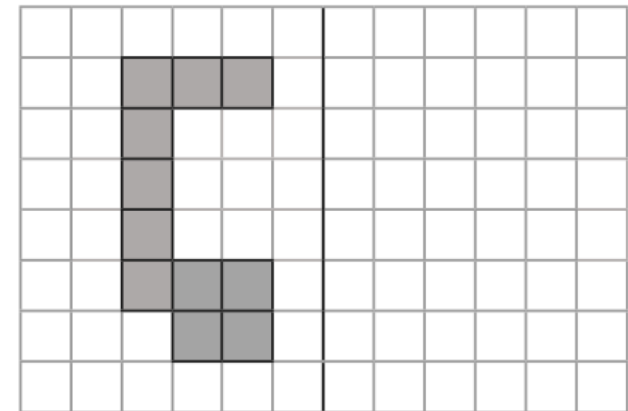
Section 7

Name this shape:



Section 8

Reflect this shape.



Year 6 Summer 2 Maths Activity Mat 2

Section 1

What is the value of the digit in the hundred thousands place in the number 5 702 655?

Section 2

A theatre sells 1758 tickets. There are adult and child tickets. 592 more child tickets than adult tickets are sold. How many child tickets are sold?

Section 3

Calculate:

$$16 \overline{) 4336}$$

Section 4

Use $<$, $=$, or $>$ to compare these fractions:

$\frac{9}{4}$		$\frac{5}{2}$
$\frac{21}{6}$		$\frac{10}{3}$
$\frac{7}{2}$		$\frac{21}{6}$

Section 5

Calculate

$0.04 \times 7 =$

$5 \times 0.4 =$

$0.006 \times 3 =$

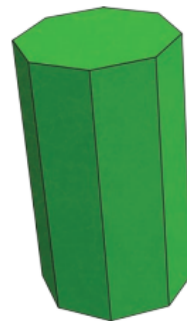
Section 6

There are 5 miles is 8 km.

How many kilometres are in 225 miles?

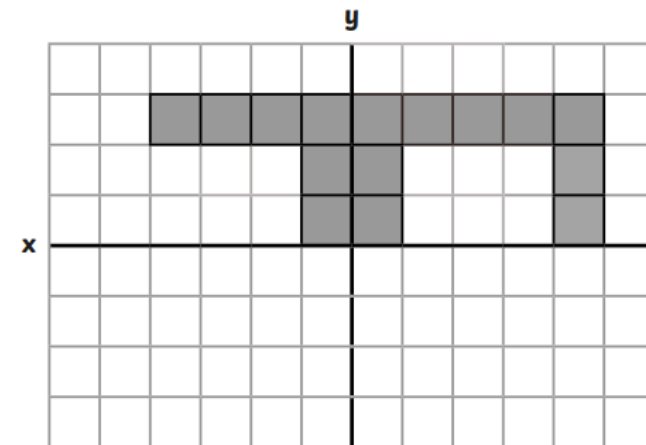
Section 7

Name this shape:



Section 8

Reflect this shape about the x-axis.



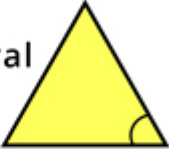

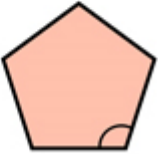

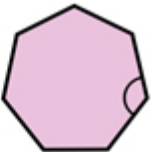



Maths

O LO: Can I use my knowledge of shapes and known measurements to find missing angles?

In Maths today, we are going to use our knowledge of shapes and the total sum of their interior angles to find missing angles. Use the guide on the interior angles of regular polygons below to help you check if the values you are giving for your missing angles make sense. For example, if you are working with a quadrilateral that has one missing value, you need to make sure that that missing value added with the existing values add up to 360° .

Interior Angles of Regular Polygons

MATH
MONKS

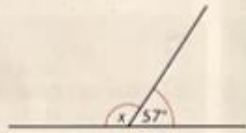
Name	Sum of Interior Angles	Each Interior Angle
Equilateral Triangle 	180°	60°
Square 	360°	90°
Pentagon 	540°	108°
Hexagon 	720°	120°
Heptagon 	900°	128.57°
Octagon 	1080°	135°
Nonagon 	1260°	140°
Decagon 	1440°	144°

I can find the missing angles in a triangle, on a straight line and around a point.

Examples

• ANGLES ON A STRAIGHT LINE

The sum of the angles on a straight line is 180° .

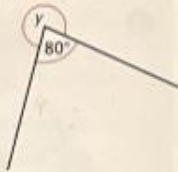


$$x + 57^\circ = 180^\circ$$

$$x = 123^\circ$$

• ANGLES AT A POINT

A whole turn is 360° .

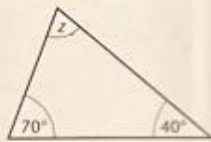


$$y + 80^\circ = 360^\circ$$

$$y = 280^\circ$$

• ANGLES IN A TRIANGLE

The sum of the angles in a triangle is 180° .



$$z + 110^\circ = 180^\circ$$

$$z = 70^\circ$$

A

Find the angles marked with letters.

1 2 3 4 5 6 7 8 9 10 11 12

How many degrees is the clockwise turn from:

- | | |
|------------|-------------|
| 13 N to NE | 17 S to E |
| 14 W to N | 18 SE to NW |
| 15 NE to S | 19 E to NE |
| 16 NW to S | 20 SW to N? |

B

Find the angles marked with letters.

1 2 3 4 5 6 7 8 9 10 11 12

How many degrees does the hour hand turn from:

- | | |
|------------------|-------------------|
| 13 5:00 to 8:00 | 17 10:00 to 12:00 |
| 14 2:00 to 3:00 | 18 6:00 to 3:00 |
| 15 12:00 to 4:00 | 19 1:00 to 6:00 |
| 16 7:00 to 6:00 | 20 9:00 to 7:00? |

C

Find the angles marked with letters.

1 2 3 4 5 6 7 8 9 10 11 12

How many degrees does the minute hand turn in:

- | | |
|---------------|---------------|
| 13 15 minutes | 17 45 minutes |
| 14 10 minutes | 18 20 minutes |
| 15 1 minute | 19 58 minutes |
| 16 6 minutes | 20 5 minutes? |

Guided reading

Please read aloud for at least 20 minutes this morning, either to an adult or to yourself. Then, you can practice your 12x tables using Sumdog. The game should pop up when you log in as it is now set up.

English

O LO: Can I highlight key features of a newspaper report?

O LO: Can I put myself into the character's shoes to work out what they were thinking at the time of the event?

Read through the article 'Midnight Feast in Broad Daylight' below. This article is based on the poem we have been looking at recently (the original version 'The Walrus and The Carpenter' as well as the edited version 'The Walrus and the Butterfly'). Read through the article and think about all of the features that it includes. Can you label them all? Think about if it includes direct speech, a headline, paragraphs etc.

Midnight Feast in Broad Daylight

Insomniacs living near Brillig Beach were in for a surprise when the sun was seen to break through the night sky shortly before midnight on Sunday. "I could hardly believe my eyes!" said Mrs Hatter of 3 Tweedle Drive, Brillig. "A chunk of the beach was in full sunshine, but all around it was night." The Met Office has reported numerous sightings of this unprecedented and highly irregular night sun but are unable to offer any scientific explanation.

Hundreds of empty oyster shells were found on this stretch of the beach on the following morning. It is not known whether there is any connection to the reported midnight sunshine. However, the local oyster beds have been largely decimated. "The Brillig oyster is a renowned local delicacy", said Mr Slithy, spokesman for the Brillig Tourist Board. " Hundreds of pounds worth of oysters have been lost. We are determined to track down the culprits."

Several sources point to two large, unidentified figures, seen walking along the beach in the early hours of Monday morning. A bottle of vinegar and remnants of a sliced loaf were found nearby. Witnesses were unable to provide sufficiently accurate descriptions to allow the police to produce identikit pictures. "The sketches keep ending up looking more like an animal and an insect than two people", said an apologetic-sounding PC Tove.

Then, think about how you felt during the poem if you were the eldest Oyster. Answer the questions below, thinking about his point of view.

Interview Prompt Sheet – Eldest Oyster

How did this terrible event begin? Where were you and when did it start?

You shook your head at the Butterfly and the Walrus. What were you thinking? What made you stay in the water?

Did you try to stop the others? Why was it the younger Oysters that went first?

It seems that the Oysters followed the two criminals for about a mile across the sand. How did you feel?

When the Oysters eventually stopped, what happened next?

It seems that you are now the only oyster on the beach. Where does your life go from here?

Afternoon activities

Theme

O LO: Can I recap my knowledge of the seven continents of the world?

O LO: Can I research a major river system and learn more about the continents they flow through?

For the lesson today, you will need to click the link titled 'Theme – major rivers throughout the world' on the class page. I would like you to research one of them in as much detail as you can, using the websites and the subheadings on that PDF to guide you. Ensure that you write your research notes in full sentences. You are welcome to present this virtually (e.g. through a PowerPoint) or on paper. Get creative!

Science

O LO: Can I begin to learn more about conductors and insulators and predict which objects fit into which category?

Watch the bitesize video below to learn more about conductors and insulators: [What are conductors and insulators? - BBC Bitesize](#)

Then, have a look at the sheet below. Can you predict which objects are conductors and which are insulators based on the information the video provided? We will be able to test these predictions in later lessons back in school.

Conductors and Insulators

A **conductor** is a material that **allows** electricity to pass through it.

An **insulator** is a material that **does not allow** electricity to pass through it.

metal spoon	nail	piece of string	paperclip	
drawing pin	ruler	pencil	toy car	2p
10p	piece of wood	aluminium foil	key	
plastic spoon	piece of card	piece of paper		

Write the objects in the prediction column in the group you think they belong in. Test the objects and write them in the results column they belong in. Were your predictions correct?

Conductors	
Prediction	Results

Insulators	
Prediction	Results