Marlborough Primary Academy

Home Learning

Class 3M

Week Beginning

06/07/2020

	Marlborough Primary Academy	Class 3M	Home Learning Day 1	Date 6/7/20

Daily activities – 5 a-day!

1) TTRockstars – 30 minutes

2) Morning maths

3) Independent Reading – 30 minutes

4) Spelling – 20 minutes

5) P.E. – Joe Wicks workout

English

Reading

Listen to the story (The Queen of the Birds). Stop at 7 minutes 40 seconds. Write answers on what you think will happen next.

Maths

Draw accurately

Watch the video, complete the activities and check your answers.

Video
Worksheet
Answers

STEM/Creative

Set yourself up in front of a mirror or with a recent photograph and draw a self-portrait. Don't worry about trying to draw your whole body- just focus on the head and shoulders.
Post your work to your portfolio when it's done.

What kind of competition do you think the birds will have?

_____

_____

Which bird do you think will win the competition?

_____

_____

How will they win the competition?
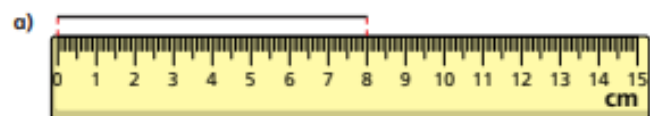
_____

_____

Will the other birds be happy with that outcome?

_____

_____

Draw accurately

1 How long is each line?

a)

[ ] cm

b)
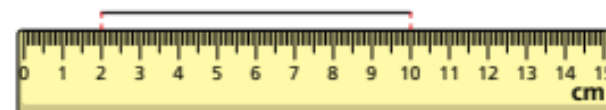
[ ] cm

c)
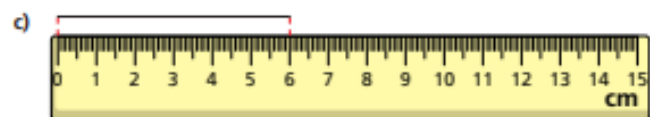
[ ] cm

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

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5 Use a ruler to draw the lines.

a) Draw a line 8 cm long.

b) Draw a line 80 mm long.
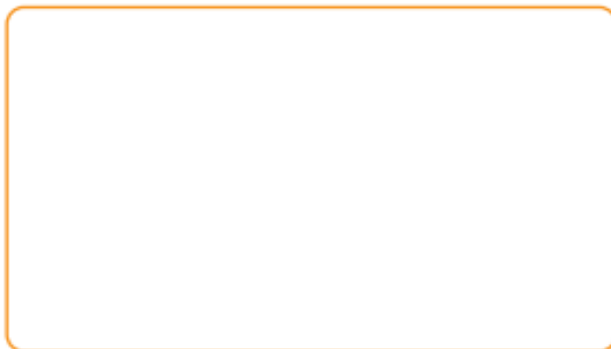
What do you notice about the lines you have drawn?

Why is this?

_____

_____

6 Use a ruler to help you answer the questions.

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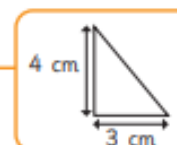
b) Measure the length of the diagonal.

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.

4 cm

3 cm

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

[ ] cm

	Marlborough Primary Academy	Class 3M	Home Learning Day 2	Date 7/7/20

Daily activities – 5 a-day!

1) TTRockstars – 30 minutes

2) Morning maths

3) Independent Reading – 30 minutes

4) Spelling – 20 minutes

5) P.E. – Joe Wicks workout

English

Vocabulary

Listen to the second half of the story (The Queen of the Birds). Were your predictions correct?
Research the different type of birds. You could sketch them and write facts about them.

Maths

Recognise and describe 2D shapes

Watch the video, complete the activities and check your answers.

Video
Worksheet
Answers

STEM/Creative

Water tension science experiment.
If you put a drip of water onto a plate, it sort of sits there in a blob. This is because of water tension. The surface of water sticks together making a kind of skin. Washing up liquid will break down the surface tension of water.
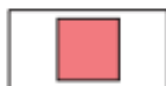Have fun finding out about water tension with this fun experiment.

Goldfinch	Eagle	Goose
Peregrine Falcon	Seagull	Owl
Hawk	Crow	Ostrich
Parrot	Woodpecker	Vulture

Recognise and describe 2D shapes

White Rose Maths

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)

_____

b)

_____

c)

_____

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.
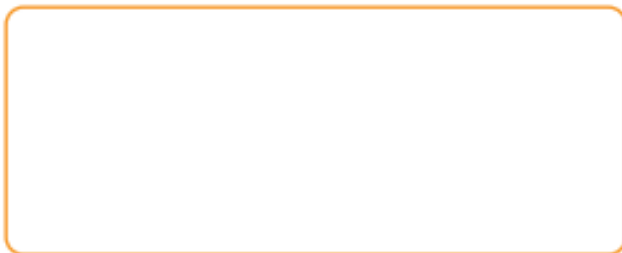
What is the mathematical name for Ron's shape?

_____

4 Here are some shapes.

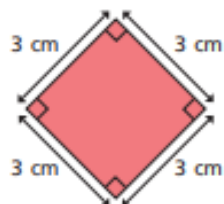a) Circle all the quadrilaterals.

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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

3 cm   3 cm

3 cm   3 cm

Compare answers with a partner.

5 This shape is a hexagon.

Why is it a hexagon?

_____

_____

6 What is the name of each shape?

_____   _____

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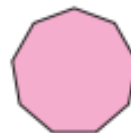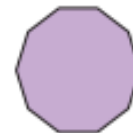
How do you know? Talk about it with a partner.

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

Draw on the shapes to show the parallel sides.

Step 1
Cover the bottom of your shallow dish with water.

Step 2
Sprinkle black pepper across the surface of the water. Note how the surface t[...]
water causes the pepper flakes float.

Step 3
Stick your finger in the center of the dish; did anything happen? Not much right? You probably just got some pepper flakes stuck to your finger.

Step 4
Now dip the tip of your finger into the liquid dish soap—you don't need much.

Step 5
Now stick that finger into the center of the dish. What happens?

	Marlborough Primary Academy	Class 3M	Home Learning Day 3	Date 8/7/20

Daily activities – 5 a-day!

1) TTRockstars – 30 minutes

2) Morning maths

3) Independent Reading – 30 minutes

4) Spelling – 20 minutes

5) P.E. – Joe Wicks workout

English

SPAG

Homophones – Homophones are words that sound the same but have different meanings. Circle the correct word in the sentences. Check your answers and write these in your English book.

Maths

Recognise and describe 3D shapes

Watch the video, complete the activities and check your answers.

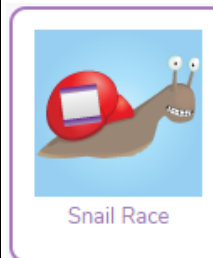| |
|---|
| Video |
| Worksheet |
| Answers |

STEM/Creative

Computing

Complete the 2Do on Purple Mash. If you get stuck use the hints to help you.

Snail Race

Hint

Sentences about the story

<u>Instructions</u>:

Each of the sentences below contains a choice.

You have a pair of homophones – words that sound the same but which are spelt differently and mean different things.

1. Put a ring around the right word in each sentence.

2. Check the *Answers*.

3. On *My homophone sentences*, write a sentence for each word that you did <u>not</u> circle.

Challenge!

Make your sentences have *something* to do with *The Queen of the Birds*?

<u>Sentences</u>:

I could here/hear the goose honking loudly.

The hungry bird ate a bright red berry/bury.

It would be fare/fair to have a running race to choose the Queen of the Birds.

Male/mail birds are often bright and colourful while female birds tend to have simpler feathers.

The winner of the competition ought to get a meddle/medal.

Usually, planes/plains fly higher in the sky than birds.

This is a great/grate day for a race, thought the falcon.

Answers

These are the correct spellings of the homophone words for the
sentences to make sense.

The hungry bird ate a bright red berry.

It would be fair to have a running race to choose the Queen of the
Birds.

I could hear the goose honking loudly.

Male birds are often bright and colourful while female birds tend to
have simpler feathers.

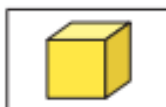The winner of the competition ought to get a medal.
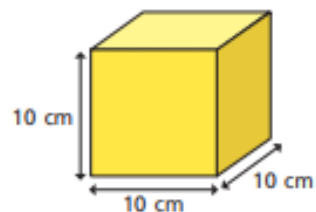
Usually, planes fly higher in the sky than birds.

This is a great day for a race, thought the falcon.

Recognise and describe 3D shapes

1 Kim paints the faces of some 3D shapes.

She stamps the faces on to a sheet of paper.
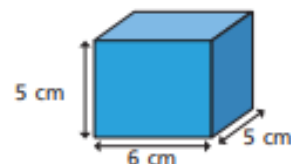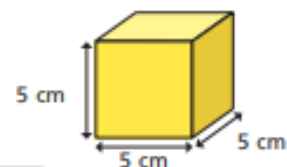
Match the stamp to the 3D shape.

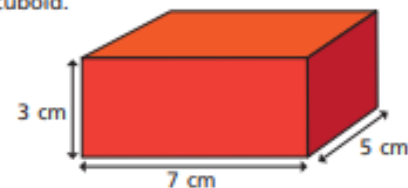**2** A cube is a special type of cuboid.

10 cm

10 cm

10 cm

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.

5 cm

5 cm

5 cm

5 cm

6 cm

5 cm

4 Here is a cuboid.

3 cm

7 cm

5 cm

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.
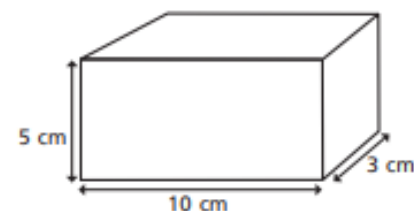

b) Circle all the spheres.

7 Complete the table.

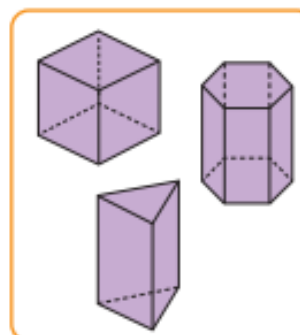| Shape	Number of edges	Number of faces	Number of vertices

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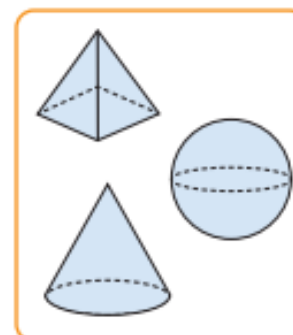
9 Huan sorts some shapes into prisms and non-prisms.

Prisms	Non-prisms

Talk to a partner about what a prism is like.

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

	Marlborough Primary Academy	Class 3M	Home Learning Day 4	Date 9/7/20

English

SPAG 2

Read the passage and remind yourself of what similes are. Write the similes in your English book and check your answers.

Maths

Tell the time to 5 minutes

Watch the video, complete the activities and check your answers.

Video
Worksheet
Answers

STEM/Creative

What are the good things and bad things about lockdown?
Show your work in a table, on a poster or some other way.
Try to be as creative as you can as you show your work.

The Golden Eagle

Golden eagles are majestic birds, soaring over the hills of Scotland like huge, silent gliders. Their bodies can be a metre long and their wings can be up to an incredible two metres across from tip to tip. Yet despite being so big, they can move as swiftly as the wind, hunting smaller birds and mammals with amazing agility. Golden eagles' feathers are a beautiful sandy brown, while their talons are like sharp vices, ready to grip onto their prey after catching it. If ever you are lucky enough to see a golden eagle, listen for its call – an eerie, lonely sound, like the distant cry of a baby. And if one is ever hunting YOU, run as fast as lightning for cover!

This passage contains similes. Similes allow us to describe something by comparing it to something else that it is like.

There are two ways to write a simile:

1. Using the word like: Sandy hid behind the chair like a frightened mouse.
2. Using the words as...as: Sandy felt as frightened as a tiny mouse.

Highlight the 5 similes used in the passage about the golden eagle. Check with the Answers to see if you got them all.

Golden Eagle Similes

Answers


Golden eagles are majestic birds, soaring over the hills of Scotland like huge, silent gliders. Their bodies can be a metre long and their wings can be up to an incredible two metres across from tip to tip. Yet despite being so big, they can move as swiftly as the wind, hunting smaller birds and mammals with amazing agility. Golden eagles' feathers are a beautiful sandy brown, while their talons are like sharp vices, ready to grip onto their prey after catching it. If ever you are lucky enough to see a golden eagle, listen for its call – an eerie, lonely sound, like the distant cry of a baby. And if one is ever hunting YOU... run as fast as lightning for cover!

Telling the time to 5 minutes

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

5 minutes

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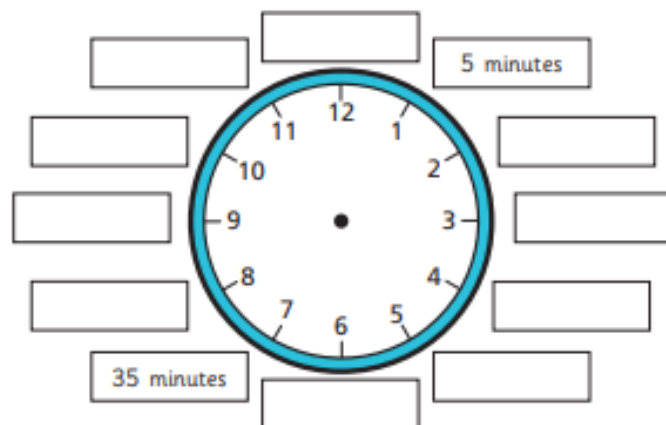
2 Label the clock to show what time would be shown if the minute hand was pointing to each interval.

5 minutes past

20 minutes to
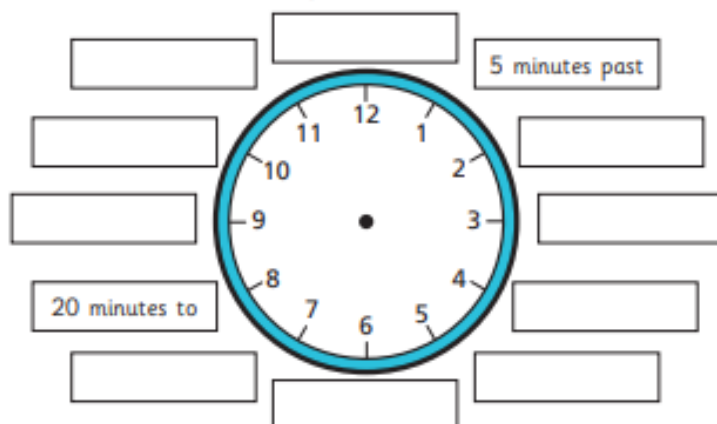
Is there more than one possible answer for each label?

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)

c)

☐ minutes past ☐   ☐ minutes past ☐

b)

d)
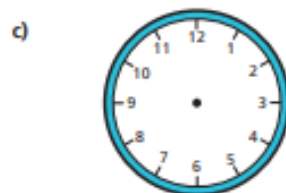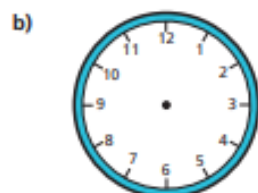
☐ minutes to ☐   _____

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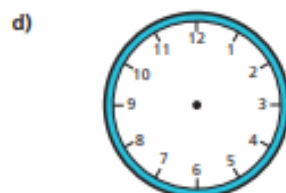
a)

15 minutes past 6

c)

25 minutes to 9

b)

15 minutes to 9

d)
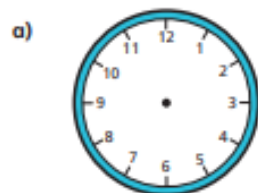
5 minutes to 12

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

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

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.
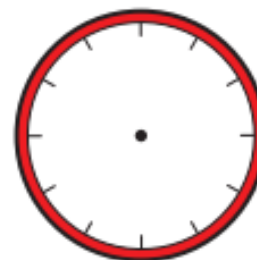
What time could it be? Draw your answer on the clock.

Are there any other answers?

_____

Talk about it with a partner.

	Marlborough Primary Academy	Class 3M	Home Learning Day 5	Date 10/7/20

Daily activities – 5 a-day!

1) TTRockstars – 30 minutes

2) Morning maths

3) Independent Reading – 30 minutes

4) Spelling – 20 minutes

5) P.E. – Joe Wicks workout

English

Big Write

Look at the picture, think about the questions and then continue the story in your English book. Can you include similes?

Maths

Friday challenges!

How many challenges can you complete? Remember each one gets more difficult.

Challenges
Answers

STEM/Creative

Draw the inside of fruit. Choose a piece of fruit and cut it in half (ask for adult help). Now arrange your fruit on a plate and draw the inside as accurately as you can.
Upload your artwork to your portfolio.

Story starter!

As his wings spanned wide, he soared above. The king of the sky. That's what he felt like, until...

Question time!

Write the name of the creature you can see.

Why has the bird suddenly swooped down towards the ground?

What is the other bird doing?

Do birds enjoy flying?

Would you rather be a bird or a human?

Where do you think this photograph was taken?

Challenge 1

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

How many cakes are hidden?

Challenge 2

Work out the missing numbers.

$10 \times 2 = 5 \times$ ⬤
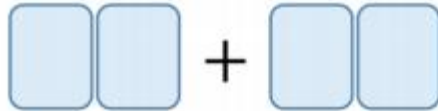
$10 + 2 = 5 +$ 🔺

$10 \div 2 = 5 \div$ 🟩

$10 - 2 =$ 💛 $- 5$

Challenge 3

Danni has these four digit cards.
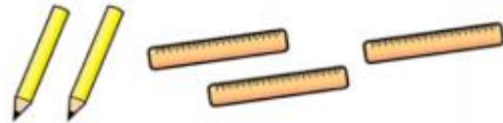
| 2 | 3 | 4 | 5 |

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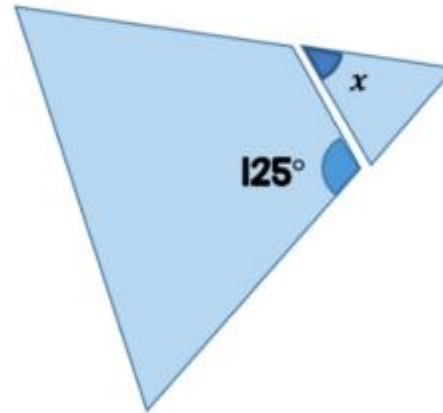
Sonny pays with a £5 note and receives £1.07 change.

How much does a ruler cost?

Challenge 5

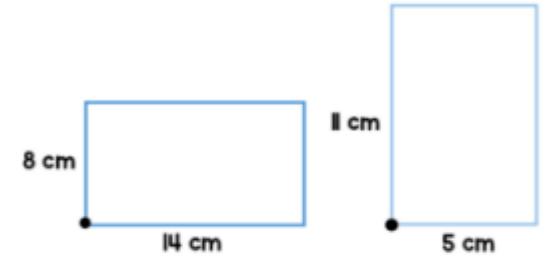Adam has an equilateral triangle.

He cuts a corner off the triangle.

Here are the two pieces.

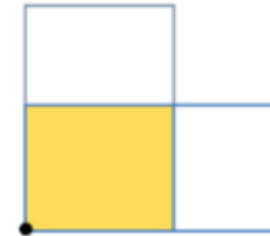What is the size of the angle marked x?

Challenge 6

Here are two rectangles.

The two rectangles are put on top of each other.

They are lined up so the black circles overlap.

The shaded area shows where the two rectangles overlap.

What is the area of the non-shaded parts of the shape?

Challenge 7

Today the ratio of my age to Anne's age is 1 : 3

In exactly 6 years time the sum of our ages is 84

Anne

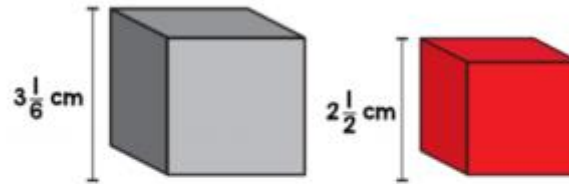How old was Anne this time last year?

Challenge 8

Here is a rule for generating a sequence.

Double the previous number and then subtract 1

The third term of the sequence is 25.

What is the difference between the first and fifth terms?

Challenge 9

$3\frac{1}{6}$ cm

$2\frac{1}{2}$ cm

Jack builds a tower using grey blocks.

Alex builds a tower using red blocks.

The towers are exactly the same height.

What is the minimum number of blocks they each use?

Challenge 10

A speedboat sets out from a port P on a bearing of 120°.

The speedboat travels at 48 mph.

A fishing boat sets out from port P on a bearing of 210°.

The fishing boat travels at 20 mph.

How far are the two boats apart after 90 minutes?