Marlborough Primary Academy

Home Learning Class 5/6D

Week beginning 8/6/2020

	Marlborough Primary Academy	Class 5/6D	Home Learning	Monday 8/6/20

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 Comprehension
Raed through the diary entries all about Howard Carter's discovery of the tomb of Tutankhamun.

Read the questions and then answer them in full sentences in you Englih exercise book.

Maths

Fractions to percentages
Watch the video – remember to pause and try the calculations and problems when you are asked to.

Then try the workaheet before you check your answers

If you get stuck don't forget to send me or Mr. Bright a dojo message.

Video

Worksheets

Answers

STEM/Creative

Squiggle animals.
Give your creativity a workout with this fun game.
1. Draw some random squiggles onto a sheet of paper.
2. Now turn each squiggle into a different animal.
3. Try and make each animal different.
https://www.youtube.com/watch?v=pExrnhViqXE
In this video the artist does something similar but uses a much bigger squiggle!

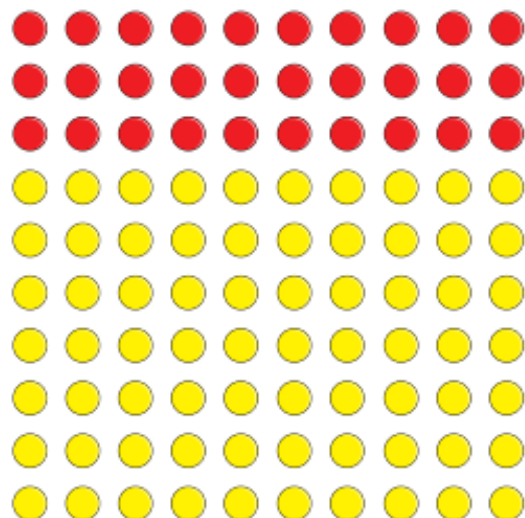| Morning maths – Monday 8/6/20	
9102 x 45 9 1 0 2 x 4 5 —————— —————— ——————	What is 3/4 of 12 multiplied by 1/2 of 16?
What is 12% of 400? Hint – 12% = 10% + 1% + 1%	4032 ÷ 5 1) as remainder 2) as decimal 3) as fraction

Fractions to percentages

1

a) What fraction of the array of counters is red?

b) What fraction of the array of counters is yellow?

c) What percentage of the array of counters is red? _____ %

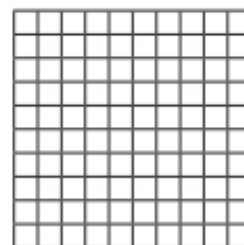d) What percentage of the array of counters is yellow? _____ %

e) What do you notice about the two percentages?

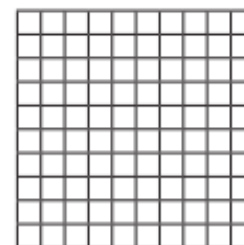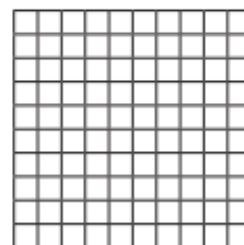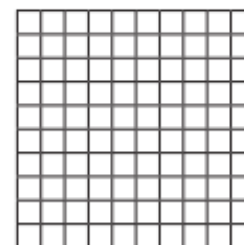**2** a) Shade the hundred squares to represent the fractions.

$\frac{40}{100}$

$\frac{65}{100}$

$\frac{1}{2}$

$\frac{7}{10}$

b) Write the fractions as percentages.

$\frac{40}{100} = $ _____ % $\frac{65}{100} = $ _____ %

$\frac{1}{2} = $ _____ % $\frac{7}{10} = $ _____ %

c) Compare your shaded grids with a partner's.

What is the same and what is different?

3 Fill in the missing numbers.

a) $\dfrac{9}{10} = \dfrac{\boxed{}}{100} = \boxed{}$ %

b) $\dfrac{9}{20} = \dfrac{\boxed{}}{100} = \boxed{}$ %

c) $\dfrac{9}{50} = \dfrac{\boxed{}}{100} = \boxed{}$ %

d) $\dfrac{9}{25} = \dfrac{\boxed{}}{100} = \boxed{}$ %

4

$\dfrac{1}{10}$ is 10%, so $\dfrac{1}{20}$ must be 20%.

Explain the mistake that Ron has made.

What is the correct answer?

$\dfrac{1}{20} = \boxed{}$ %

5 Convert the fractions to percentages.

a) $\dfrac{1}{4} = \boxed{}$

$\dfrac{1}{2} = \boxed{}$

$\dfrac{3}{4} = \boxed{}$

c) $\dfrac{16}{20} = \boxed{}$

b) $\dfrac{1}{5} = \boxed{}$

$\dfrac{2}{5} = \boxed{}$

$\dfrac{4}{5} = \boxed{}$

d) $\dfrac{45}{50} = \boxed{}$

$\dfrac{8}{20} = \boxed{}$ $\dfrac{9}{10} = \boxed{}$

$\dfrac{4}{20} = \boxed{}$ $\dfrac{18}{20} = \boxed{}$
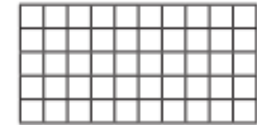
e) What do you notice?

6 a) Shade the grid in the given proportions.

- $\dfrac{3}{5}$ green
- $\dfrac{4}{20}$ blue
- 14% red
- the rest yellow

b) What percentage of the grid is yellow?

$\boxed{}$ %

7 a) Use each digit card once to make the statements correct.

$\boxed{1}$ $\boxed{2}$ $\boxed{3}$ $\boxed{4}$ $\boxed{5}$

$\dfrac{\boxed{}}{\boxed{}} > \boxed{}\,0\%$ $75\% = \dfrac{\boxed{}}{4}$ $\dfrac{3}{\boxed{}} < 65\%$

b) Are there any other solutions?

Howard Carter's Diaries

Saturday November 4th, 1922

We started work early this morning: avoiding the hottest hours of the day when toiling hard under the African heat is essential. Around mid-morning we uncovered the first traces of the entrance to a tomb. Having searched most of the Valley of the Kings, it was surprising to make this find beneath the huts. It did not take us too long to reveal that what we were looking at was the start of a steep excavation. Like an impatient child, I set to work removing the rubble and earth that covered the way to what I believe would lead to the tomb.

Sunday November 5th, 1922

It was our sheer determination and belief that this was the site that kept us going today, and after hours of labour we managed to excavate the higher level of a staircase. I had originally conjectured that it was an opening to a labyrinth leading to a tomb, and it certainly proved to be so.

As the day drew closer to an end, we had cleared all the way down to a large, sealed doorway. Unlike most other tombs that had been unearthed, this one was – from an initial inspection – fully intact. With closer scrutiny, I noticed that the only decipherable impressions of the seals were those symbolising a king, but as to whom it belonged to, I had not yet been able to establish.

Without further hesitation, but with vigilant delicacy, I made a hole in the uppermost part of the sealed door so as to see what was hidden on the other side. With the aid of a torch I was able to shine a revealing light inside. You would think that seeing a passage-way filled to the top with rubble would fill my heart with weariness, knowing how much effort would have to go in to removing it, but in fact it lifted my spirits as it confirmed for me the notion that this was an undisturbed tomb, and potentially the tomb I have been searching for, for years; the tomb of Tutankhamun.

Before I could go ahead any further, I had to make sure that details of this find had reached Lord Carnarvon. So, as if wrapping up a gift for one's birthday, I refilled the excavation and returned home and cabled to Lord Carnarvon, in England, the following message:-

"Amazing discovery in Valley a tomb with seals intact covered up for your arrival"

Friday November 24th, 1922

After an agonising wait, like a child waiting for Christmas, I was finally able to continue with the excavation. With the sealed door now revealed in its entirety, I was able to discern various seal impressions bearing the cartouche of Tutankhamun.

Sadly though, the discovery of two distinct re-openings and successive re-closings, along with the masses of broken potsherds and boxes bearing the names of Akhenaten, Smenkh-Ka-Ra and Tutankhamun, and a scarab of Tehutimes III, as well as a fragment bearing the cartouche of Amenhetep III, led us to believe that we were about to open a royal cache, but not one necessarily belonging to the Pharaoh we sought.

Saturday November 25th, 1922

The first doorway was opened today. After a back-breaking, stamina-testing excavation we managed to clear the passage-way and reveal a further passage that travelled below the level that we were currently on.

During the clearance though, we found a myriad of artefacts that pointed towards the possibility that this was a disturbed burial. This was not a comforting find, as in my mind I was under no illusions, this was looking desperately more and more like plundering.

Sunday November 26th, 1922

When, after much clearance, we came upon a second sealed doorway, I recognised that its location and features mirrored almost exactly the doorway to the tomb where the cache of Akhenaten was discovered. So without further delay, we cleared the passage of any remnants of our disturbance so that the sealed door could be seen clearly. My mind could not process what was happening. Could there be another passage on the other side? Or indeed a chamber? After procuring some candles in order to test for the foul gases that are common in these excavations, I widened the gap and looked in.

My eyes had to adjust and so I was unable to comment straight away, which of course added to the suspense and to Lord Carnarvon's anxiety. But as the flame flickered, so did my heart as there before me was revealed an incredible medley of extraordinary and beautiful objects.

Unable to bear it any longer, Lord Carnarvon called out to see if I could see anything. Replying that I could, I started to open the hole so that he too could see inside. We were dumb-struck; astonished as we looked on the most marvellous collection of treasures, amongst which were: effigies of a king, gilded couches, ornamental caskets, flowers, alabaster vases and a golden throne. We were unclear as to whether we had found a tomb or merely a cache. However, the two sentinel statues, stood respectfully either side of a sealed doorway, reignited our suspicions. The numerous cartouches with the name of Tutankhamun on them left little doubt that we were at the resting place of the Pharaoh.

Monday November 27th, 1922

As we searched through the chamber, carefully sifting through ancient artefacts, it became clear that there was no indication of a mummy or mummies. Considering they were the only reason for making such a cache, it became evident to us that beyond the door, between the sentinel statues, was the actual tomb of Tutankhamun. To think that he was most likely lying there, magnificently, was too much to comprehend. But comprehend it we had to and so we continued beyond the door.

It soon became startlingly clear to us that this place was Pharaoh's tomb. It was a sight that surpassed all dreams. We have found Tutankhamun!

Howard Carter's Diaries – Follow-Up Work

Why did Howard Carter have to wait 19 days before being able to fully excavate the area?

_____

Why did the author use the description: 'as if wrapping a gift for one's birthday,' to describe covering up the excavation? Justify your answer with evidence from the text.

_____

_____

_____

What is different about the sentence structure and grammar in the last line of the diary entry dated Sunday 5th November, compared to the rest of the text? And why do you think this is?

_____

_____

_____

Find and copy 3 examples of words or groups of words that indicate the hard work needed to excavate an area.

_____

_____

_____

What was it that Howard Carter discovered on Saturday 25th November that was unsettling? Justify your answer with evidence from the text.

_____

_____

_____

Why did Howard Carter have to wait 19 days before being able to fully excavate the area?

_____

_____

What did the author mean by the line: 'My mind could not process what was happening' in the diary entry from Sunday 26th November?

_____

_____

_____

_____

Why did they use candles when they had electric torchlights?

_____

_____

What did the author mean by the description: 'as the flame flickered so did my heart'?

_____

_____

How was Lord Carnarvon feeling during the excavation?

_____

_____

Look at the diary entry dated Sunday November 26th, what evidence was there for Howard Carter that they had found a tomb?

_____

_____

What does this mean: 'Without further hesitation, but with vigilant delicacy'.

_____

There is a wide range of language used in this text. Find a phrase which particularly interests you and explain why you chose it.

_____

_____

_____

	Marlborough Primary Academy	Class 5/6D	Home Learning	Tuesday 9/6/20

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 definition

Look carefully at the words and use a dictionary or the internet to find definitions – remember to tell me the word class of each word – noun, verb, adjective, adverb

Maths

Equivalent fractions, decimals and percentages
Watch the video – remember to pause and try the calculations and problems when you are asked to.

Then try the workaheet before you check your answers
If you get stuck don't forget to send me or Mr. Bright a dojo message.

Video
Worksheets
Answers

STEM/Creative

Some plants contain amazing chemicals! Try the polishing pennies experiment using lemon juice and a coin. (If you don't have lemon juice try vinegar).

Morning maths - Tuesday 2/6/20

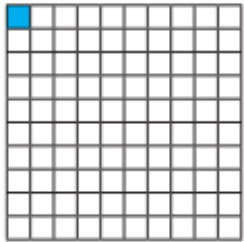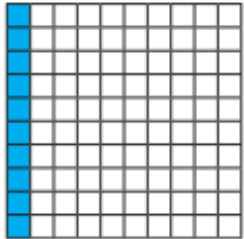|	
2371 − 1876	104,673 + 72,614
	$+$ _____ _____ Hint – set out using place value
My number digits add to make 13. My number is less than 50. What could my number be?	What is 5/6 of 3156? Hint – divide by the bottom – times by the top

Equivalent FDP

1 What fraction, decimal and percentage of each grid is shaded blue?
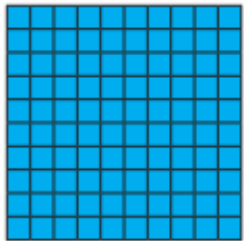
fraction =

decimal =

percentage =

fraction =

decimal =

percentage =

fraction =

decimal =

percentage =

2 Match the equivalent fractions, decimals and percentages.

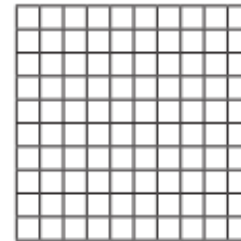| $\frac{15}{100}$ | 0.05 | 5% |
$\frac{1}{20}$	0.5	15%
$\frac{1}{5}$	0.2	50%
$\frac{1}{2}$	0.15	20%

3 a) Shade the grid in the given proportions.

- $\frac{3}{10}$ green
- 0.03 red
- 13% blue
- 0.3 yellow

b) What proportion of the grid is unshaded?

Write your answer as a fraction, decimal and percentage.

fraction =   decimal =   percentage =

4 Complete the table.

Fraction	Decimal	Percentage
	0.21	
		12%
$\frac{2}{10}$		
	0.4	
	0.44	
		4%
$\frac{3}{4}$		
	0.99	

5 Amir was asked to complete the statement using <, > or =.

14% (>) 0.4

14 is greater than 4

What mistake has Amir made?

_____

_____

6 Match the decimal cards to the people.

My decimal is $\frac{4}{10}$ less than 100%.

0.65

My decimal cannot be simplified when it is written as a fraction.

0.57

My decimal is 10% less than $\frac{3}{4}$

0.61

My decimal is greater than 60%.

0.6

7 Use the digit cards to write a decimal greater than $\frac{1}{5}$ but less than 40%.

You may not use a card more than once in each number.

| 0 | 1 | 2 | 3 | 4 | 5 |

☐ . ☐ ☐

How many other answers can you find?

Write definitions of word meanings

Look through the vocabulary list of words which could be used to describe yesterday's English Picture – what do they mean? Use a dictionary (online word definition works too) to explain what they mean – make sure you use your own words not just copy. Also tell me the word class – verb, noun, adjective, adverb too

sufficient		distinct	
excavation		plundering	
conjecture		dumb-struck	
scrutiny		ornamental	
weariness		comprehend	
agonising		startlingly	

Choose your favourite 4 words and write a sentence for each one – try to also use the fronted adverbial, expanded noun phrases and powerful verb skills we learned last week

Polishing Pennies

Materials:

- ★ Lemon Juice
- ★ Dirty Pennies
- ★ A cup
- ★ Paper Towels
- ★ Taco Sauce (optional)

Instructions:

1. Put a dirty penny in the cup and cover it with lemon juice.
2. Wait about five minutes then remove the penny and wipe it off with a paper towel.
3. Try the taco sauce to see which works better.

How it Works:

Pennies are made out of a metal called copper. The copper mixes with oxygen, the same gas that we breathe. This cause something called oxidation and makes the penny look dirty. Lemon juice has acid in it that removes the dirty color or oxidation and makes the penny nice and shiny again!

Extra Experiments:

Does vinegar work?
If you color the penny with marker does it come off?
Does it work with nickels, dimes or quarters?

	Marlborough Primary Academy	Class 5/6D	Home Learning	Wednesday 10/6/20

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

Grammar and vocabulary
Work through the sample questions – if you are not sure about the word class of each word check the definition on the internet.
There's a quick revision here –
https://www.youtube.com/watch?v=75gRVcKIFkY

Maths

Ordr fractons, decimals and percentages
Watch the video – remember to pause and try the calculations and problems when you are asked to.

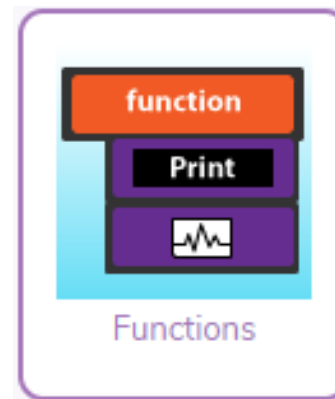Then try the workaheet before you check your answers

If you get stuck don't forget to send me or Mr. Bright a dojo message.

Video

Worksheet

Answers

Computing

Functions

Log-on to Purple Mash and try the Function 2do.

If it's too tricky try the Printing on the screen – task from Chimp coding.

Morning maths – Wednesday 10/6/20

I think of a number, add 7. Then multiply what I get by 5. My answer is 85. What was my number?

Hint – try to undo (reverse) the problem

$$29 \mid 1\ 0\ 0\ 9\ 2$$

$29 - 1$
$58 - 2$
$87 - 3$
$116 - 4$
$145 - 5$
$... - 6$
$... - 7$
$... - 8$
$... - 9$
$... - 10$

My number is 12.4
What is my number x100?

What is my number ÷10?

42.5m + 143cm

Hint -convert to the same unit of measure

Order FDP

1 Write <, > or = to complete the statements.

a) 64% ◯ 0.46

b) 0.96 ◯ $\frac{97}{100}$

c) $\frac{3}{5}$ ◯ 35%

d) 0.8 ◯ 80%

e) 67% ◯ $\frac{7}{10}$

f) $\frac{7}{20}$ ◯ 0.3

2 Draw arrows to estimate the positions of the fractions, decimals and percentages on the number line.

a) 9% $\frac{9}{10}$ 0.99   19%

0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%

b) $\frac{2}{5}$ 0.52   45%   0.2

0    $\frac{1}{5}$ $\frac{2}{5}$ $\frac{3}{5}$ $\frac{4}{5}$ 1

3 Write the fractions, decimals and percentages in ascending order.

a) $\frac{7}{10}$ $\frac{13}{100}$ 21%   0.9

_____

b) 0.6   61% $\frac{37}{50}$ 0.66

_____

c) 47%   0.89 $\frac{63}{100}$ 12%

_____

d) Which part was easiest to order: a), b) or c)? _____

Why?

_____

_____

e) Which set was most difficult to order: a), b) or c)? _____

Why?

_____

_____

f) Compare answers with a partner.

What is the same and what is different?

4 These fractions, decimals and percentages are in descending order.

99% $\frac{89}{100}$ 0.7   [___]   0.5   49%

Tick the fractions, decimals and percentages that could fill the gap.

[0.78]   [51%]   [$\frac{3}{5}$]   [0.6]   [$\frac{4}{10}$]

5 Tommy scored $\frac{40}{50}$ on a Maths test.

Aisha got 78% of the test correct.

Aisha thinks she has done better because 78 is greater than 40

Do you agree with Aisha? _____

Explain your answer.

_____

_____

6 Huan, Nijah and Scott each started with a 1-litre bottle of juice.

Huan drank 0.55 litres.

Nijah drank 59% of her juice.

Scott has $\frac{4}{10}$ of his juice left.

1 litre   1 litre   1 litre

Who drank the most? Show your working.

_____ drank the most.

Who drank the least? Show your working.

_____ drank the least.

7 a) Use the digit cards to make the statement correct.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

$0.3 < \dfrac{\boxed{}}{10} < 80\%$

How many different solutions can you find?

_____

b) Use the digit cards to write a percentage greater than $\frac{2}{5}$ but less than 75%.

| 0 | 2 | 3 | 4 | 6 | 7 |

$\frac{2}{5} < \boxed{} < 0.75$

How many different percentages can you find?

_____

Compare answers with a partner.

Howard Carter's Diaries – Vocab 2

Task A
Circle the correct definition for each of the words below.

sheer

a steep slope	a slight slope	a long slope

aid

something helpful	something interesting	something exciting

sufficient

not quit enough	more than necessary	just the right amount

toiling

playing	resting	working

successive

one after the other	one before the other	one on its own

Task B
Unscramble the following words and write them on the lines below.

neneltis _____   cceah _____

meantalonr _____   feacttsra _____

aeoucchtr _____   dryiam _____

Howard Carter's Diaries – SPAG

Task A
Underline the word or group of words that are examples of the word type in the brackets.

1) My eyes had to adjust and so I was unable to comment straight away, which of course added to the suspense and to Lord Carnarvon's anxiety.   (proper noun)

2) Having searched most of the Valley of the Kings, it was surprising to make this find beneath the huts.   (preposition)

3) Unlike most other tombs that had been unearthed, this one was, from an initial inspection, fully intact.   (adjective)

4) Toiling hard under the African heat.   (verb)

5) I started to open the hole so that he too could see inside.   (definite article)

6) We managed to clear the passage-way and reveal a further passage that travelled below the level that we were currently on.   (indefinite article)

Task B
Lord Carnarvon wrote his own diaries about the discovery of Tutankhamun's tomb. Below is an extract from one of his entries but there are a number of spelling mistakes and punctuation errors. Re-write the text making sure that you have edited all of the mistakes.

sunday november 5th

I have just recieved word from Howard that he has fownd somethink incredibly exsiting he has possibley discovered the tomb of tutankhamun. So that I can be their when he excavates ferther he has stoped working until I arrive. The pharaohs tomb which we have searched for over many years would be the most incredible find. To many times we have been disappointed but this time I do beleive we have done it. What will we find inside. Im just not able to comprehend what mite be their.

_____

_____

_____

_____

_____

_____

_____

	Marlborough Primary Academy	Class 5/6D	Home Learning	Thursday 11/6/20

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

More DADWAVERS!
We have used DADWAVERS! in class as a way of making our writing more interesting.

I've started a story - which DADWAVERS! Sentence openers have I already used? Can you finish the sory using the missing DADWAVERS!

Maths

Percentages of an amount
Watch the video - remember to pause and try the calculations and problems when you are asked to.

Then try the workaheet before you check your answers

If you get stuck don't forget to send me or Mr. Bright a dojo message.

Video

Worksheet

Answers

STEM/Creative

Label a flowering plant.
Your challenge is to label the parts of a flowering plant. There is a labelled diagram of a flower to help you. Use the un-labelled picture to help you, or draw your own!

Morning maths – Thursday 11/6/20

956 x 17

9 5 6

x 1 7

_____
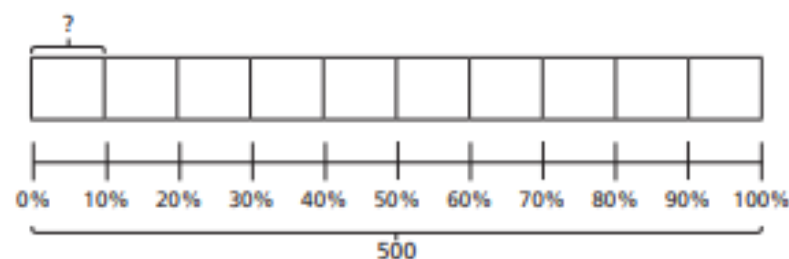
_____

Find 15% of 840.

Hint: 5% is half of 10%

---

7 – 3.07

Hint – a number line might be the easiest way

What are the next 4 numbers in this sequence?

39, 35, 31, ___, ___, ___, ___

Percentage of an amount (2)

1 **a)** Use the bar model to find 10% of 500

10% of 500 = ☐

b) Use your answer to part a) to help you complete the calculations.

20% of 500 = ☐   70% of 500 = ☐

90% of 500 = ☐   60% of 500 = ☐

30% of 500 = ☐   100% of 500 = ☐

2

To find 5% you can find 10% and then halve it.

Use Dora's method to complete the calculations.

a) 5% of 40 = ☐   **d)** 5% of 2,000 = ☐

b) 5% of 400 = ☐   **e)** 5% of 6,000 = ☐

c) 5% of 4,000 = ☐

What do you notice about your answers?

3 Some children are asked to find 75% of 340

I will find 25% and multiply it by 3

a) Use Dexter's method to find 75% of 340

☐

I will find 10% and multiply it by 7, then find 5% and add them together.

b) Use Alex's method to find 75% of 340

☐

I will find 25% and 50% and add them together.

c) Use Amir's method to find 75% of 340

d) Are there any other methods you could use?

4 Talk to a partner about different methods for finding these percentages.

20%   90%   60%   15%   55%   40%

Use your preferred method to calculate the percentages.

a) 20% of 1,000 =   d) 15% of 1,000 =

   20% of 550 =   15% of 300 =

   20% of 40 =   15% of 30 =

b) 90% of 1,000 =   e) 55% of 1,000 =

   90% of 4,230 =   55% of 4,400 =

   90% of 90 =   55% of 8 =

c) 60% of 1,000 =   f) 40% of 1,000 =

   60% of 400 =   40% of 400 =

   60% of 98 =   40% of 98 =

5 Ron is calculating these percentages.

10% of 20   20% of 10

20% is double 10%, and 10 is half of 20, so I know these will both have the same answer.

How does Ron know this?

6 a) Complete the calculations.

   20% of 40 =   25% of 60 =

   40% of 20 =   60% of 25 =

b) What do you notice about the answers?

_____

_____

c) Does this always happen? Investigate with other examples.

d) Talk about your findings with a partner.

DADWAVERS! are a great way to vary sentence openers and make writing more interesting and exciting.

DADWAVERS!

Description
Action
Dialogue
Where
Adverb
Verb
Estimation of time
Rhetorical Question
Simile or Metaphor
! Exclamation or onomatopoeia

Which DADWAVERS! Have I already used? Use the rest to finish.

Grabbing his coat from the hook, Tim rushed out of his house.

"How could I have overslept? Today of all days!" he asked himself

as he ran down the path. As he reached the corner of the street, he

looked up to see the bus, waiting in the distance at his stop

,

| D | A | D | W | A | V | E | R | S | ! |

Flowering plants

Have a look at this diagram of a flower.

It shows the different structures you find in many flowers.

Flowers are used by the plant to get their pollen to other plants by sticking it on insects that visit the flower. When pollen is taken to another plant of the same type, then that plant can use the pollen to create a seed. This happens inside the ovary.

Use this picture to create your own labelled diagram. There is a drawing on the next page for you to use or you could draw your own.
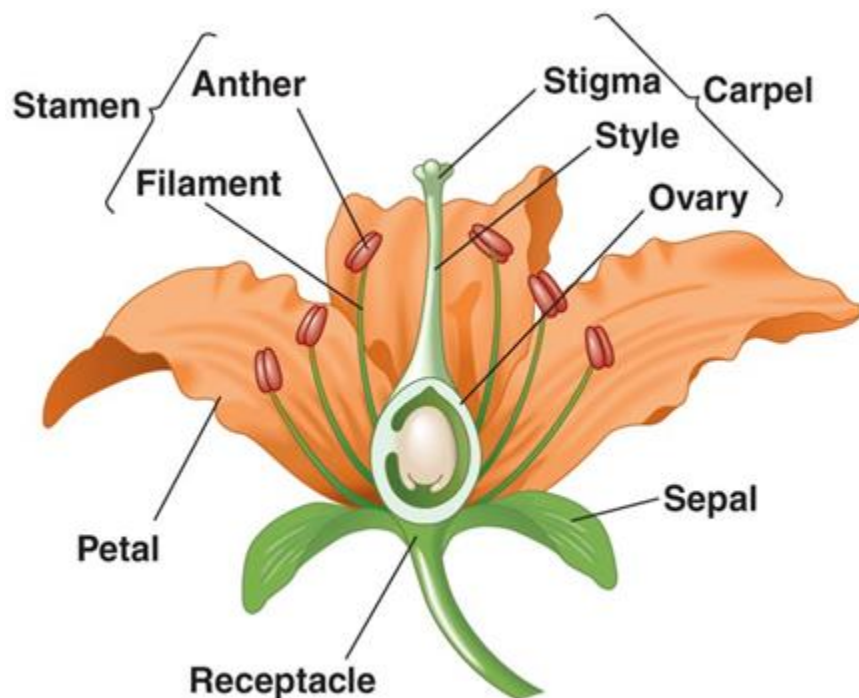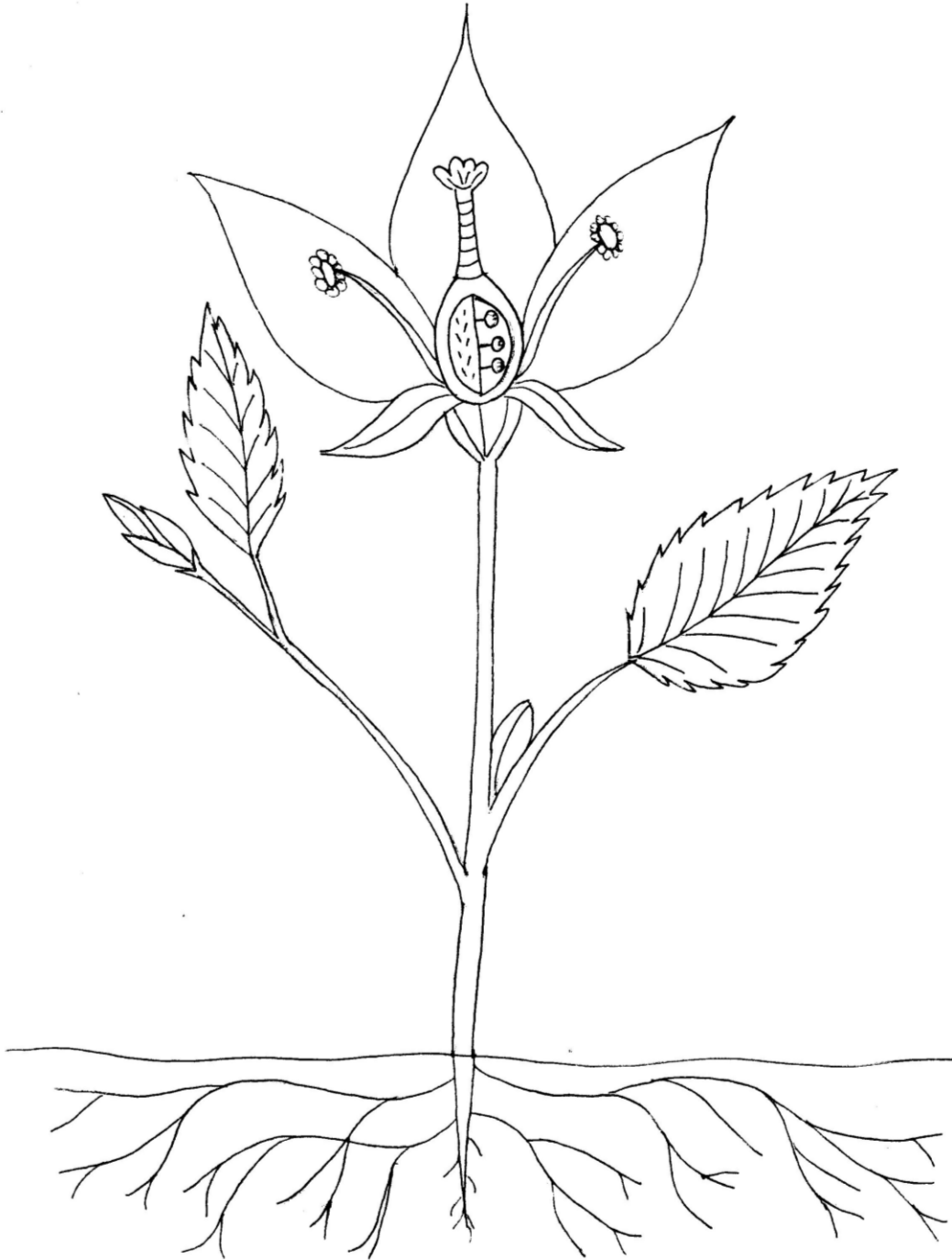
Label this picture or draw your own. You will need to use these labels:

Stem, Leaf, Root, Flower, Petal, Sepal, Stamen and Carpel.

You could use **filament**, **anther**, **stigma**, **style** and **ovary** as well.

	Marlborough Primary Academy	Class 5/6D	Home Learning	Friday 12/6/20

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

Friday – big write
Use the picture as a stimulus to continue writing the story – into your exercise book or logon to Purple Mash and complete the PortalTree2do

Maths

Friday's problem solving challenge

Friday's Problems

STEM/Creative

Matchbox treasure- outdoors fill a matchbox with as many different tiny outdoor things as you can- take a photo of your treasures and share it to your portfolio.   I wonder who can find the most?

Morning maths – Friday 12/6/20

What is the area of this shape?

63cm

0.4m
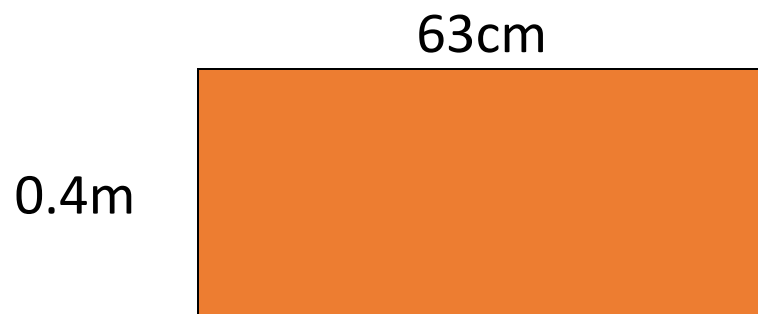
What units of measure do you need?

What is 5/6 ÷ 8

$$\frac{5}{6} \div 8 = \underline{\quad}$$

Criss cross (t x b = t   b x t = b)

What is 3/12 x by 6 – don't forget to simplify your answer.

$$\frac{3}{12} \times 6 = \underline{\quad}$$

Hint: whole number to fraction – t x t   b x b

3 7 ⟌‾‾‾‾‾‾

37 – 1
74 – 2
111 – 3
148 – 4
185 – 5
… - 6
… - 7
… - 8
… - 9
… - 10

Friday – big write – finish the story in your exercise book or use the NoGravity2do

Month: June Year: 3015

Dear diary,

It has now been 2 years since we moved here. Leaving Earth was tough, but we are beginning to feel more at home with every single week that passes.

When we came to our new home, we were allowed to bring everything with us from our Earth homes. It still feels a bit strange though. Life without gravity really takes some getting used to!

Can you continue the diary?

What is gravity? Can you include descriptions of what it is like to live without it?

Where is it that you now live? How is it different from your previous life? How do you spend your time? Do you prefer living in your new home?

How many DADWAVERS! can you use in your story? – Cross them off as you write.
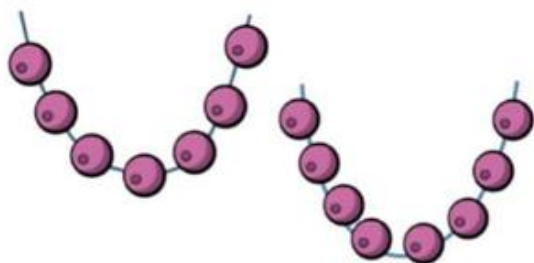
D	A	D	W	A	V	E	R	S	!

Friday's Maths Challenges

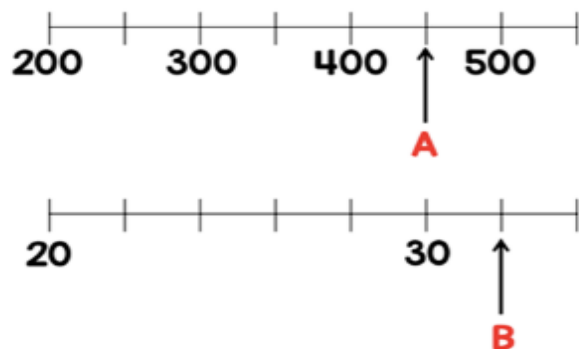## Challenge 1

Sal has 20 beads.

She uses some beads to make these two necklaces.

How many beads does she have left?

Challenge 3

Two numbers, A and B, are marked on the number lines.

Find the sum of A and B.

Challenge 2

George is thinking of a 2 digit number.

My number is in the 5 times table.

My number is less than 80

The sum of the digits is 9

What number is George thinking of?

Challenge 4

Max buys a shirt and a jacket.

The jacket costs £25 more than the shirt.

The total cost of the shirt and jacket is £87.

How much does each item cost?

Challenge 5
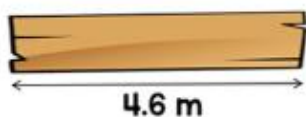
The mass of 1 cube and 4 cones is 110 g.

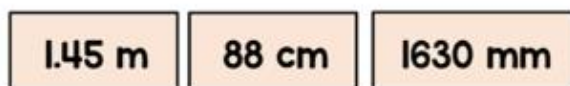
The mass of 1 cube and 2 cones is 72 g.

What is the mass of 1 cube?

Challenge 6

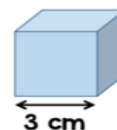A plank of wood is 4.6 metres long.
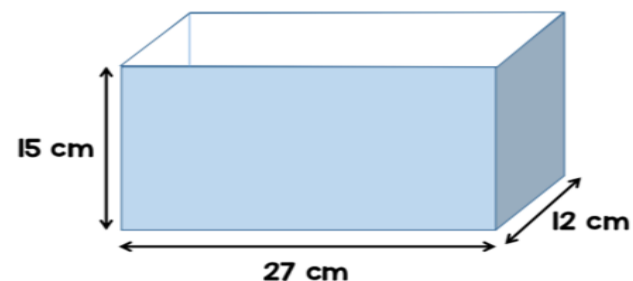

4.6 m

These three lengths of wood are cut from the plank.

| 1.45 m | 88 cm | 1630 mm |

What is the length of the wood left?

Challenge 7

A factory makes these wooden cubes.

3 cm

They are packed into large boxes.

15 cm

27 cm

12 cm

How many wooden cubes can be packed into one large box?

This week's web-links	
Monday Maths Video	https://vimeo.com/420690848
Monday Maths worksheets	https://resources.whiterosemaths.com/wp-content/uploads/2020/05/Lesson-1-Fractions-to-percentages-2019.pdf
Monday maths answers	https://resources.whiterosemaths.com/wp-content/uploads/2020/05/Lesson-1-Answers-Fractions-to-percentages-2019.pdf
Tuesday Maths - video	https://vimeo.com/420690973
Tuesday Maths activity 1	https://resources.whiterosemaths.com/wp-content/uploads/2020/05/Lesson-2-Equivalent-FDP-2019.pdf
Tuesday Maths answers	https://resources.whiterosemaths.com/wp-content/uploads/2020/05/Lesson-2-Answers-Equivalent-FDP-2019.pdf
Wednesday Maths - video	https://vimeo.com/420691109
Wednesday maths – activities 1	https://resources.whiterosemaths.com/wp-content/uploads/2020/05/Lesson-3-Order-FDP-2019.pdf
Wednesday maths answers	https://resources.whiterosemaths.com/wp-content/uploads/2020/05/Lesson-3-Answers-Order-FDP-2019.pdf
Thursday maths – video	https://vimeo.com/420691195
Thursday maths worksheet 1	https://resources.whiterosemaths.com/wp-content/uploads/2020/05/Lesson-4-Percentage-of-an-amount-2-2019.pdf
Thursday maths answers	https://resources.whiterosemaths.com/wp-content/uploads/2020/05/Lesson-4-Answers-Percentage-of-an-amount-2-2019.pdf
Friday Maths	https://www.bbc.co.uk/bitesize/articles/zjhhjsg