



HOME LEARNING

YEAR 5

19/05/2020

Morning Message

Good morning Year 5,

We hope you enjoyed writing your non-chronological reports yesterday and learnt some interesting facts about your shark! Today you have a new picture with an interesting task – enjoy! Today is the final day of fractions in maths and then you have an end of unit check for fractions tomorrow.

Answer to Yesterday's riddle:

A bottle

Today's riddle:

How do you make the number one disappear?

Enjoy your days,

Ms Gayer and Mr McCann

Today's Picture



Writing

The Wave

Some people love living dangerously. For some people, the thrill of a near miss is what they crave their whole lives; the moment of panic that rises up from the pit of your stomach like your blood has turned to ice, but then washes over you like blissfully warm water as the danger passes.

This was one of those moments. You could hear the sharp intake of breath as the crest of the fifty metre wave frothed and foamed like the mouth of an angry Kraken. There were only seconds left to wait...

Your task: Write a setting description that could accompany the image.

Things to consider:

- What is the weather like?
- How are people acting?
- How could you describe the wave?
- Could you create tension in your description?

Remember:

- Use your senses to describe
- Use powerful vocabulary and figurative language

Reading

Day 2

Use a dictionary to write definitions and sentences for the words you didn't understand or underlined. If you think you know all the words pick the trickier words and prove that you know them by defining them and use them in a sentence. Make sure to get an adult to check that you are right.

Tricky words: Warily, Barren, desolate, gauge, braced

Maths

Decimals and percentages (Lesson 12)

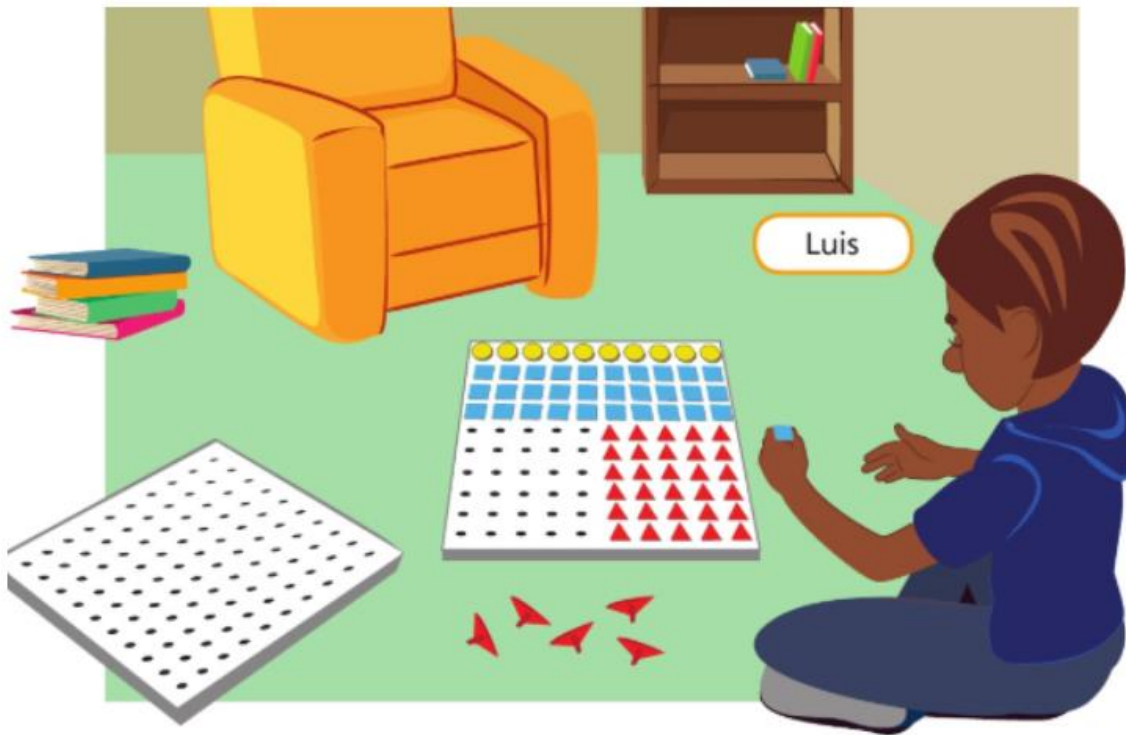
In this lesson you will convert between fractions, decimals and percentages and will solve problems relating to equivalent fractions decimals and percentages.

For this lesson, it will be useful to use a place value grid to help you convert decimals to percentages and fractions. It may also be useful to use a number line.

Key vocabulary: equivalent, fraction, decimal, percentage, per cent (%), out of, convert, denominator, diagram, equal parts, amount, value, multiplication grid, odd, even, decimal place, tenths, hundredths

Tens	Ones	.	Tenths	Hundredths	Thousandths
10	1	•	0.1	0.01	0.001
$\frac{10}{1}$	$\frac{1}{1}$	•	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1,000}$
		•			

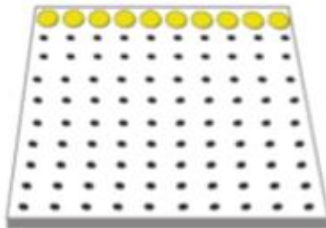
Hint: Remember $\frac{1}{4} = 25\%$, $\frac{1}{2} = 50\%$ and $\frac{3}{4} = 75\%$



- I** a) Look at the pegboard in front of Luis. What fraction, percentage and decimal of the board is covered by circle pegs?
What fraction, percentage and decimal of the board is covered by square pegs?
- b) What fraction, percentage and decimal of the board is covered by triangle pegs?

Share

- a) The circle pegs fill 10 out of 100.



$$\frac{10}{100} = 10\%$$

$$\frac{10}{100} = \frac{1}{10}$$

$\frac{1}{10}$, 10% or 0.1 of the board is covered by circle pegs.

They fill 1 row out of 10.



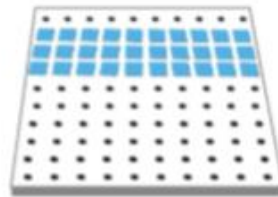
$$\frac{1}{10} = 0.1$$

I can say that $\frac{1}{10}$ is equivalent to 10% or 0.1.

The square pegs fill 30 out of 100. They fill 3 rows out of 10.

$\frac{3}{10}$ is equivalent to 30% or 0.3.

$\frac{3}{10}$, 30% or 0.3 of the board is covered by square pegs.



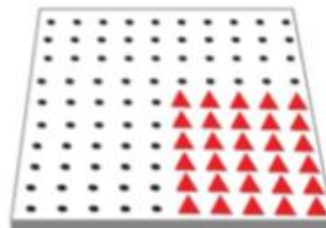
- b) The triangle pegs are in 6 rows of 5.

$$6 \times 5 = 30$$

That is 30 pegs out of 100.

$$\frac{30}{100} = \frac{3}{10} = 0.3 = 30\%$$

$\frac{3}{10}$, 30% or 0.3 of the board is covered by triangle pegs.



It is still $\frac{3}{10}$, even though it is not 3 full rows.

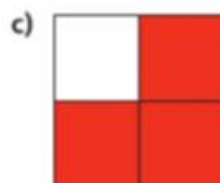
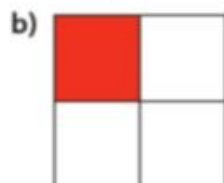
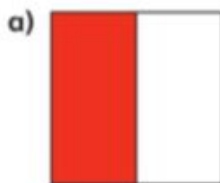


Think together

- 1 Convert these decimals, fractions and percentages to complete the table.

Decimal	0.1	0.2	<input type="text"/>	<input type="text"/>	<input type="text"/>	1	0
Tenths	$\frac{1}{10}$	<input type="text"/>	<input type="text"/>	$\frac{8}{10}$	<input type="text"/>	<input type="text"/>	<input type="text"/>
Hundredths	$\frac{10}{100}$	<input type="text"/>	<input type="text"/>	<input type="text"/>	$\frac{90}{100}$	<input type="text"/>	<input type="text"/>
Percentage	10%	<input type="text"/>	40%	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

- 2 What fraction, decimal and percentage is shaded?



These diagrams are not split into 100 equal parts. I wonder how to find the percentages.



I will think about how I can describe the amount shaded.





3 a) Andy and Reena both took a test. Reena scored 30 out of 60. Andy scored 30%.

How can you compare their scores?



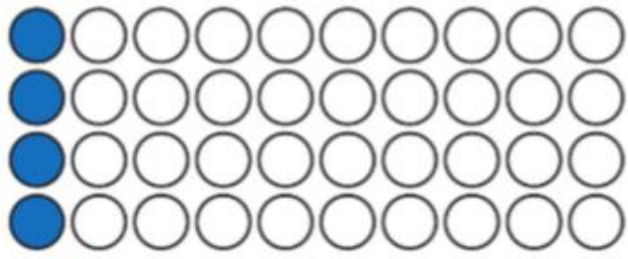
I will think about Reena's score as a fraction.

I can convert Reena's score to a percentage.



b) Emma has 40 marbles. 4 are blue.

What percentage are blue?



Now complete pages 163 – 165 in your power maths books.

Thursday: Go on the Mathletics website to complete the tasks that have been set.
<https://www.mathletics.com/uk/>

Weekly Spellings

The rule for this week is **endings spelt –able, ible, ably and ibly**. Please practise learning the words every day by putting the words in sentences and get an adult to test you on Friday.

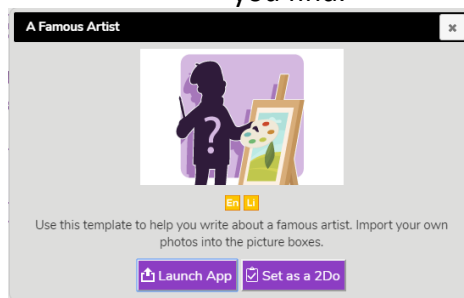
e.g. You have performed remarkably.

debatable
knowledgeable
pleasurable
capable
justifiable
comprehensible
responsible
irreversible
impossible
accessible
inconsiderably
indescribably
unimaginably
unbelievably
remarkably
irresponsibly
plausibly
horribly
feasibly
forcibly

Foundation Work (for the week)

Art – due Friday at 12pm

This half term we would be looking at the artists Frank Auerbach and Friedensreich Hundertwasser and how they use the skill of drawing to create their artwork. This week we would like you to choose one of these two artists and complete the template. We would like if you find out about their style of drawing, their life and you may import your own photos that you find.



Diary

Write a diary of what work and activities you did today. Remember to include your emotions and opinions.