

2.2.2021 Quick Maths



A

- $17 + \underline{\quad} = 100$
- $73 \times 4 =$
- $111 \div 3 =$
- 3, , 15, , 27, .
- $1/2$ of 12 =

B

- $320 + \underline{\quad} = 2300$
- $147 \times 3 =$
- $1/2$ of 486 =
- 12, , , , 60, .
- $7 \times 4 \times 5 =$

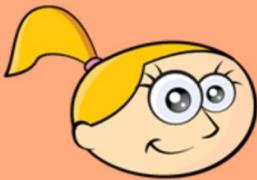
Challenge

2

9

0

1

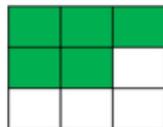


- My number is a multiple of 2 and 3.
- The number rounds down to the nearest 1000.
- The difference between the Thousands and Hundreds is 1.
- What is my number? Are there any alternative answers?

Flashback 4

Year 4 | Week 5 | Day 2

1) What fraction of the shape is shaded?



2) Which shape has the smaller area?



3) Calculate $2 \times 5 \times 10$

4) What is 37 more than 849?

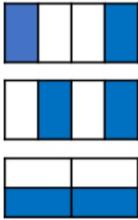
What we covered last lesson...

Fractions are any number of equal parts. They can be written like this...

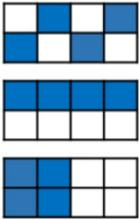
$$\frac{1}{2} \quad \frac{3}{4} \quad \frac{5}{5} \quad \frac{8}{7}$$

True or False? Unit and non-unit fractions

2 out of 4 equal parts are shaded



4 out of 8 equal parts are shaded



White Rose Maths

Key Vocabulary:

Unit fraction

Non-unit fraction

Numerator

Denominator

What do these words mean?

TENTHS



Learning Objective:

Today I am learning to

- understand the concept of fractions
- recognise tenths as fractions
- count in tenths

Key Vocabulary

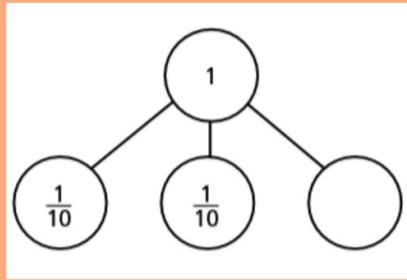
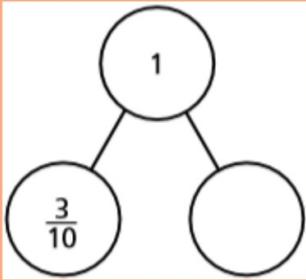
- fraction
- denominator
- unit
- tenth
- non-unit
- parts
- numerator
- equal

Success Criteria

I will be successful if I can

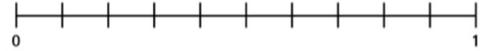
- recognise tenths
- count in tenths
- develop my reasoning skills

Show me what you know...



Write the fractions in the correct places on the number lines.

- a) $\frac{5}{10}$ $\frac{9}{10}$ $\frac{3}{10}$ $\frac{10}{10}$



- b) $\frac{6}{10}$ $\frac{14}{10}$ $\frac{18}{10}$



Dani has a bag of sweets.

$\frac{1}{2}$ of the sweets are red.

$\frac{3}{10}$ of the sweets are yellow.

The rest are green.

What fraction of the sweets are green?



Mo also has a bag of sweets.

$\frac{4}{10}$ of his sweets are red.

The rest are green or yellow.

What fraction of Mo's sweets could be green?

What fraction could be yellow?

How many possible answers can you find?

Show your answer as a

a) bar model

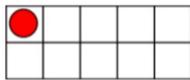
b) part-whole model

Challenge

True or False?

Tenths

All models show 1 tenth



True or False?

$$\frac{11}{10} < 1$$

True or False?

7 tenths is greater than 1 minus three tenths.

True or False?

Count in tenths

The missing value is 1 whole

