

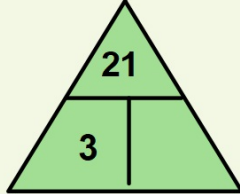
Quick Maths - 26.2.21

A Which of these numbers is a multiple of 10?

100 1,240 232

- $\underline{\hspace{1cm}}$ 20p = £1
- $450 + \underline{\hspace{1cm}} = 1,000$
- $1/2$ of 60 =

○ Complete -



B

- $70 \times \underline{\hspace{1cm}} = 2,800$
- $367 + \underline{\hspace{1cm}} = 1,250$
- Halfway between -10 and 10 =
- $3/8$ of $\underline{\hspace{1cm}} = 24$
- IX multiplied by LX =

Explain

- $1,270 - 1,110 =$ Which method and why?



Challenge

1

9

4

5

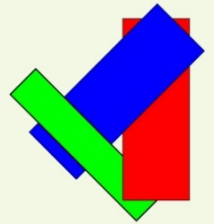
- The difference between the ones and thousands digit is 5.
- Sam's number is **EVEN** and rounds to 10,000.
- What is his number?
- Can you think of your own problem?



Investigation

A rectangle has a perimeter of 24cm.

How many different rectangles can you find?



Flashback 4!

Flashback 4

Year 4

1) Subtract $\frac{5}{7}$ from 3

2) What is $\frac{3}{8}$ more than $\frac{7}{8}$?

3) Draw a shape with an area less than 10 squares.

4) Use $<$, $>$ or $=$ to compare.

4 kilometres ○ $3,000 \text{ m} + 2,000 \text{ m}$



Complete this as quickly as you can (verbally or through writing it down).

Quick Review - Division

- A**
1. $20 \div 10 =$
 2. $21 \div 7 =$
 3. $35 \div 7 =$
 4. $100 \div 10 =$
 5. $\underline{\hspace{2cm}} \div 3 = 21$

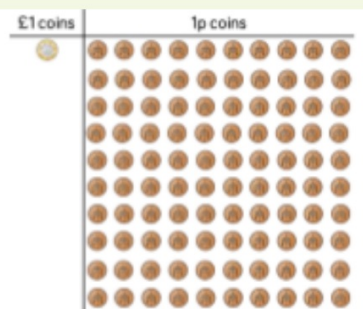
B

Is it possible for £1 to be shared equally between 100 people?

How does this picture explain it?

Can £2 be shared equally between 100 people?

How much would each person receive?



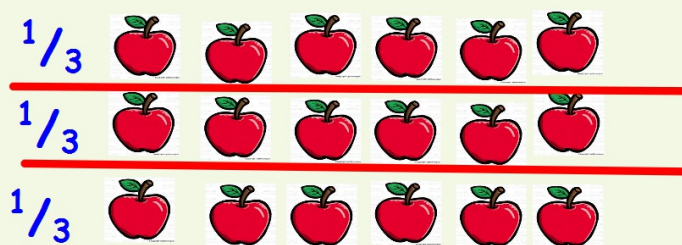
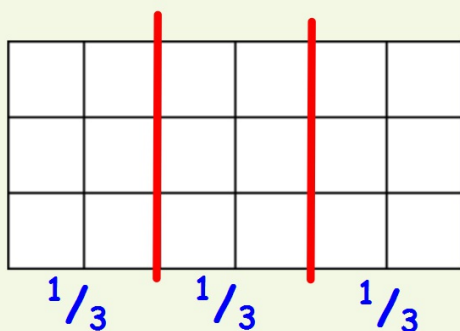
Challenge - How many division calculations can you make from the digits - 1, 5, 3, 5 and 45?

Fractions of Amounts

What is $\frac{1}{3}$ of 18?

We often see this type of question.

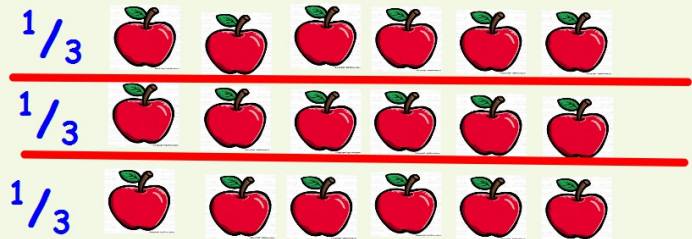
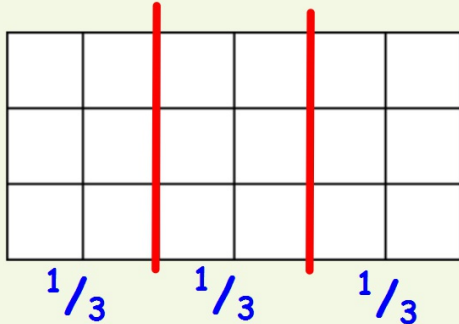
It is easy if we have a set of squares or objects.



Fractions of Amounts

1 whole!

If $\frac{1}{3}$ of 18 = 6, then $\frac{2}{3}$ of 18 = 12 and $\frac{3}{3}$ of 18 = 18

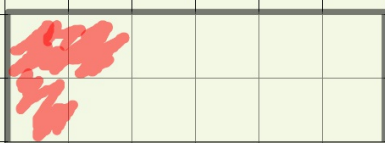


Try these!

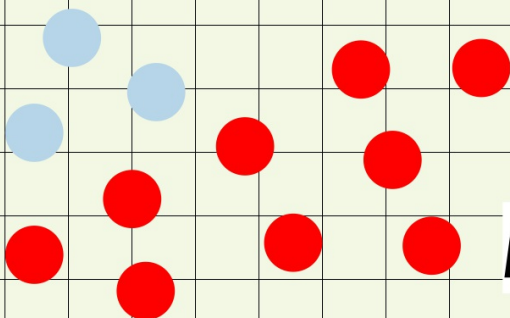
What is $\frac{1}{4}$ of 20?
What is $\frac{3}{4}$ of 20?

What is $\frac{2}{4}$ of 20?
What is $\frac{4}{4}$ of 20?

Fractions of Amounts



A



B

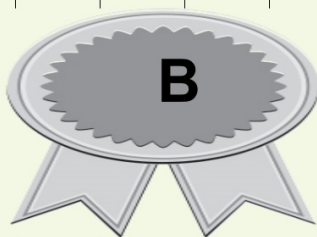
"I think that only A shows $\frac{3}{4}$ of 12."

..... shows $\frac{3}{4}$ of 12. I know this because

Main Task

26.2.21

Fractions of Amounts

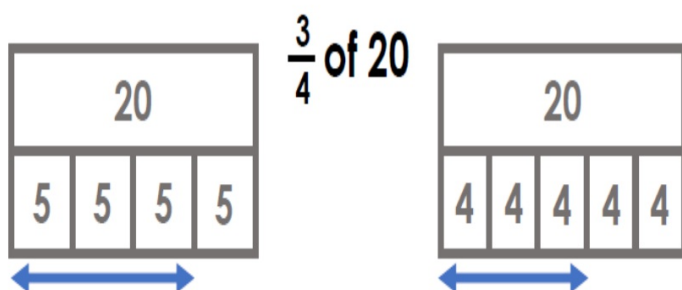


Now complete '26.2.21 - Tasks (A,B,C + Challenge Mazes) . Extra guidance is given if you need it.

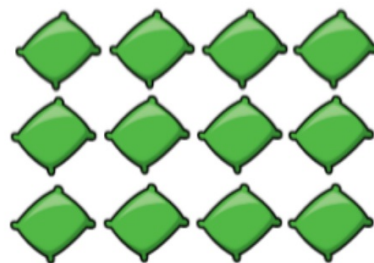
Challenges

Which method?

Which bar model represents the question correctly?



This is $\frac{3}{4}$ of a set of beanbags.



How many were in the whole set?