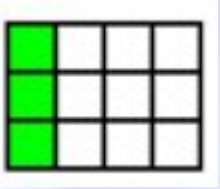
FRACTIONS DISCUSSION Q AND A

What fraction of this shape is shaded?

Can you **g**ive your answer in its simplest form.

Can you draw another picture with this fraction value?

What fraction of this shape is shaded?



Can you give your answer in its simplest form?

Can you show how much this is out of 100?

Find $\frac{7}{10}$ of £50 ?

How? show a method? drawing? number line?

Find 3 / 5 of 1000g ? Find 2/5 of 1000 g?

What is 5/5 worth?

What is 6/5 worth?

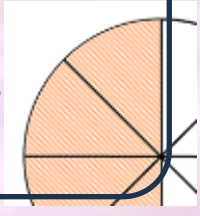
Find 30% of 200 metres. What about 2000m? 20,000m ?

Any pattern?

Find 70% of a wage of £16,000.

What method are you using?

Is it the same as someone else? Can you do this in your head, need paper, calculator?



FRACTIONS DISCUSSION Q AND A

Work out $\frac{3}{8} + \frac{1}{8}$

Can you simplify your answer ?

What if the bottom numbers are different? Try !….

Work out 6/9 + 2/9 Can you answer as a decimal? or percent?

Complete the equivalent fractions. Can you still solve this if the number 15 was not given?

(a) $\frac{3}{5} = \frac{\square}{15}$

How many equivalent fractions can you write?

$\frac{2}{\square} = \frac{4}{14}$ How do you find the missing value in the box?

What type of question is this? What sums are involved?

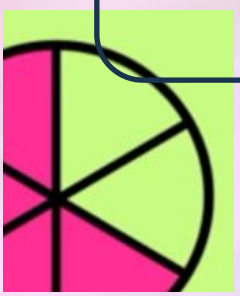
$\frac{6}{11} = \frac{24}{\square}$ Can you find the missing number?

If 24 was 25 could you still do it?

Find 10% of £6.50

Is there a quick method for this? Do you do the same as someone else?

If it was 11% what would you do?



FRACTIONS DISCUSSION Q AND A

Find 20% of £17.30

What if 2% was needed instead? or 200% ? Can you find 0.2% ?

$\frac{3}{4}$ of 200

Can you draw a picture for this sum?

Write $\frac{1}{2}$ as a percentage and decimal.

Can you do 1/3 ? What about 2/3 ? or.. 5/6 ?

Write 5/8 as a percentage and decimal.

What would be the difference if it was 50/80 ?

Write 35% as a fraction and decimal.

What does 35% mean? 35% of what?

Write 6% as a fraction and decimal.

Show how you know it is different to 0.6 ..or 0.6%

FRACTIONS DISCUSSION Q AND A

Can you circle each number that is less than one half ?

0.21 52% $\frac{1}{3}$ 0.78 $\frac{3}{4}$ 35%

What are you doing to solve this?

What sums? Any pictures to help?

Circle each number that is more than three quarters.

0.80 19% 7/8 0.34

Can you show where these values are on a number line?

Which **two** of these fractions are equivalent to $\frac{1}{3}$

$\frac{2}{6}$ $\frac{5}{12}$ $\frac{6}{18}$ $\frac{11}{30}$

Which two of these fractions are the same as 2/10

5 / 20 8 / 40 3 / 15 10 / 20

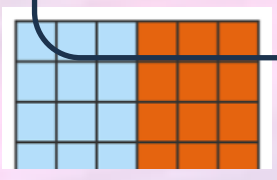
Is it better to use decimals, fractions of percentages for this ?

Write 85% as a decimal. Can you write a place value table to show this value?

What fraction value would this have?

Write $\frac{3}{10}$ as a decimal

What about 3/100 ? 3/1000 ? 0.3 / 10 ? 0.3 / 100 ?



FRACTIONS DISCUSSION Q AND A

Can you fill in the missing values in the table below?

Fraction	Decimal	Percentage
$\frac{1}{2}$	0.5	
	0.7	70%
$\frac{3}{100}$		3%

How do you know if you're correct?

Write 0.25 as a fraction. and 0.025 ? What about 2.5 ?

Write three-fifths as a decimal.

Show it is not 0.35

Write $\frac{9}{100}$ as a decimal.

Is it easy to show on the triangle how much 9/100 is ?

Which **two** of these fractions are equivalent to $\frac{1}{5}$? $\frac{3}{15}$ $\frac{5}{75}$ $\frac{8}{20}$ $\frac{6}{30}$ $\frac{21}{25}$

Do you know a fast way on a calculator to solve this?

FRACTIONS DISCUSSION Q AND A

Can you write 0.7 as a fraction ?

and 0.07 ? what about 7 ? or 7.07 ?

Write 20% as a fraction. Show how much of the 100 grid is 20%

What fraction of the grid should be shaded for 20%?

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

How would you order these, starting with the smallest. 0.22 $\frac{3}{20}$ 19%

Can you add your own value in between any of the three shown?

There are 24 passengers on a bus.

$\frac{1}{4}$ of the passengers are men. $\frac{1}{3}$ of the passengers are women.

The rest of the passengers are children.

How do you work out the number of passengers that are children?