

Year 3 Homework

This week Year 3 have been learning how to find fractions of amounts. We have been using a bar model so show how a 'whole' can be shared into equal parts. We have learnt that the **denominator** tells us how many equal parts to split our bar model into and the **numerator** tells us how many parts to look at to find the answer. See example below:

Find $\frac{2}{5}$ of 25



$$\frac{2}{5} \text{ of } 25 = 10$$

Numerator \rightarrow 1

Denominator \rightarrow 4

Children may use dots to represent '1' and a line to represent '10' in the bar model!

Please use this strategy to answer the following questions.

1. Would you rather...? $\frac{1}{4}$ of £4

$\frac{1}{2}$ of £8

$\frac{1}{3}$ of £6

I would rather have...

2. Would you rather...? $\frac{1}{4}$ of £8

$\frac{1}{2}$ of £4

$\frac{1}{3}$ of £9

I would rather have...

3. Would you rather...? $\frac{2}{3}$ of £36

$\frac{3}{4}$ of £36

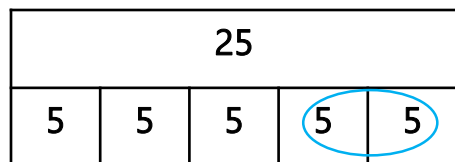
$\frac{1}{5}$ of £55

I would rather have...

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Please use this strategy to answer the following questions.

Would you rather...? $\frac{2}{3}$ of £36

$\frac{3}{4}$ of £36

$\frac{1}{5}$ of £55

I would rather have...

Would you rather...? $\frac{4}{5}$ of £25

$\frac{2}{3}$ of £27

$\frac{3}{10}$ of £60

I would rather have...

Would you rather...? $\frac{5}{6}$ of £72

$\frac{8}{10}$ of £70

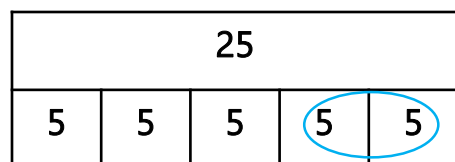
$\frac{7}{9}$ of £72

I would rather have...

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Please use this strategy to answer the following questions.

Find $\frac{1}{2}$ of ...

10

16

22

Find $\frac{1}{4}$ of ...

12

20

16
