1) Clara has 16 cupcakes.

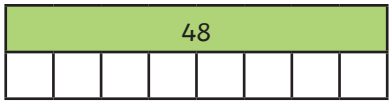
a) Use the counters above to represent Clara's cupcakes and find:

$\frac{1}{2}$ of 16 = ☐ $\frac{1}{4}$ of 16 = ☐ $\frac{1}{8}$ of 16 = ☐

b) Use the answers to the calculations above to help find:

$\frac{2}{2}$ of 16 = ☐ $\frac{3}{4}$ of 16 = ☐ $\frac{5}{8}$ of 16 = ☐

2) Use this bar model to find and represent:



$\frac{1}{8}$ of 48 = 48 ÷ 8 = ☐ $\frac{2}{8}$ of 48 = ☐

$\frac{3}{8}$ of 48 = ☐ $\frac{4}{8}$ of 48 = ☐ $\frac{5}{8}$ of 48 = ☐

$\frac{6}{8}$ of 48 = ☐ $\frac{7}{8}$ of 48 = ☐ $\frac{8}{8}$ of 48 = ☐

3) Draw a bar model to solve the problem.

Finn drinks $\frac{5}{9}$ of a 630ml bottle of water.

a) How many ml did Finn drink?

b) How many ml are left in the bottle?

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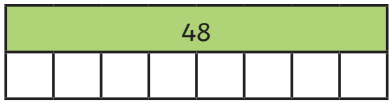

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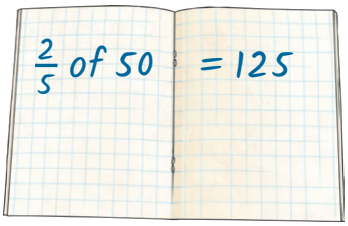
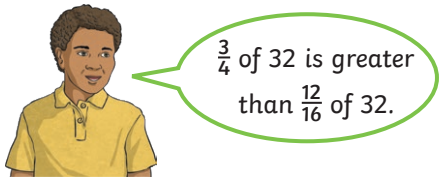


2) Which is the odd one out and why?

a) $\frac{3}{6}$ of 24 **b)** $\frac{2}{8}$ of 56 **c)** $\frac{4}{20}$ of 60

3) True or False? Convince me.



4) Complete the calculations:

☐/5 of 30 = 24 $\frac{2}{3}$ of ☐ = 40

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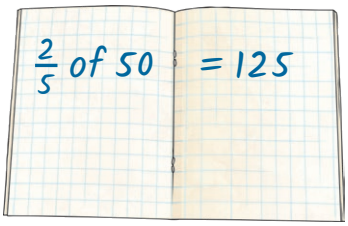

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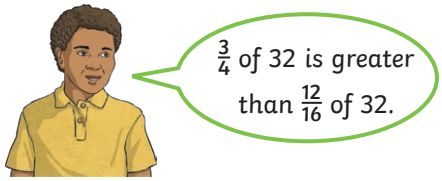

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1) Moses has a bag of 20 double-sided counters. He throws some into the air. Half of them land on red while the other half land on yellow. Moses turns over two of the counters and now four-sixths are red.

How many counters did Moses throw into the air at the beginning?

2) Solve this problem.

Franz has a bag of 96 sweets. Some are red, $\frac{4}{12}$ are green and half are blue. What fraction and quantity are red?

3) Use all the digit cards once to complete this calculation.

0	1	2	3	8

$\frac{\square}{\square}$ of 270 = $\square$

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