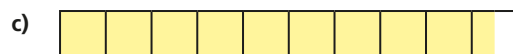
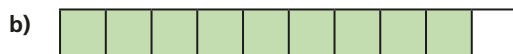
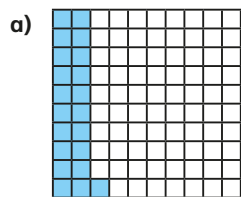


1 What fraction, decimal and percentage of each diagram are shaded?



2 What fraction, decimal and percentage of the bar model is shaded?



3 a) Sort the statements into those that are correct and those that are incorrect.

0.09 is the same as $\frac{9}{10}$

25% is equivalent to $\frac{1}{4}$

$\frac{7}{100}$ is equal to 0.07

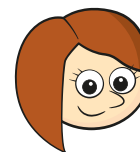
50% is the same as 0.05

$\frac{3}{10}$ is equivalent to 30%

0.4 is the same as $\frac{1}{4}$

b) For the ones that are incorrect, change the statement to make it correct.

4



$\frac{4}{5}$ is the same as 45%.

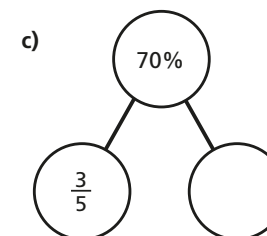
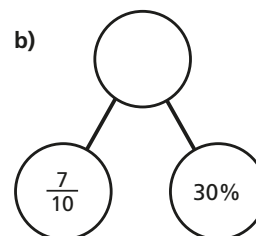
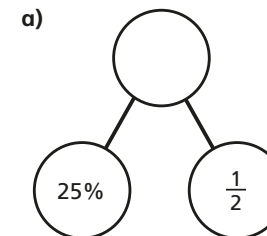
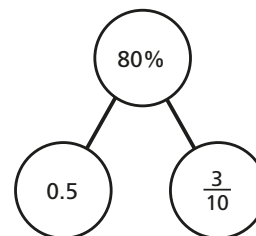
Is Rosie correct?

Explain your reasoning.

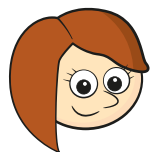
5

Complete the missing values.

Give your answers as decimals. One has been done for you.



4



$\frac{4}{5}$ is the same as 45%.

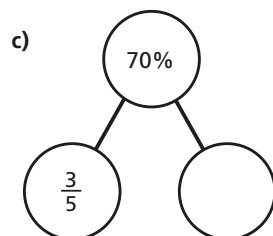
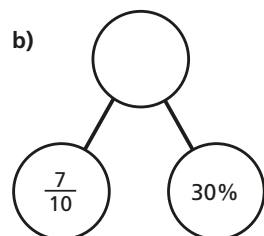
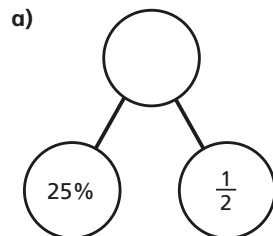
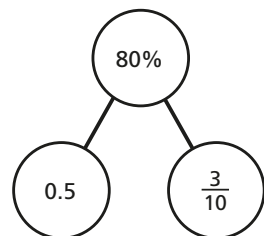
Is Rosie correct?

Explain your reasoning.

5

Complete the missing values.

Give your answers as decimals. One has been done for you.



6

Complete the statements with possible decimal answers.

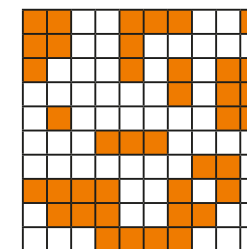
a) $\frac{1}{5} < \square < \square < 60\%$

b) $5\% < \square < \frac{1}{10} < \square$

c) $\frac{3}{100} < \square < 30\% < \square$

7

Which is the odd one out?



0.4

two-fifths

How did you work this out?

Create your own problem like this for a partner.

