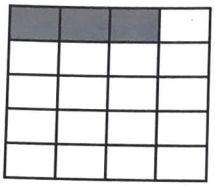
Converting fractions to percentages

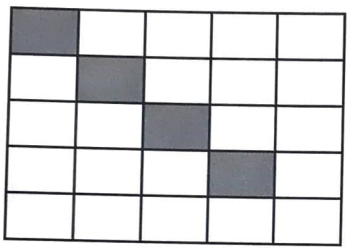
1 What percentage is shaded?

a)



$\frac{3}{20} = \frac{\square}{100} = \square\%$

b)

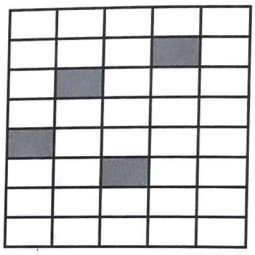


$\frac{4}{\square} = \frac{\square}{100} = \square\%$

c)

$\frac{\square}{\square} = \frac{\square}{100} = \square\%$

d)



$\frac{\square}{\square} = \square\%$

2 Complete each equivalent fraction and then draw a line to its matching percentage.

$\frac{19}{20} = \frac{\square}{100}$ (× 5 above, × 5 below)

$\frac{19}{25} = \frac{\square}{100}$ (× □ above, × □ below)

$\frac{19}{50} = \frac{\square}{100}$

38%

95%

76%

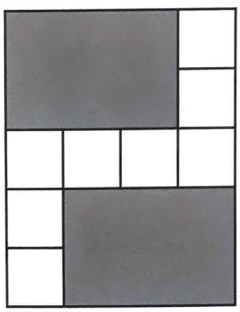
3 Luis and Kate practised penalty kicks. Luis scored 14 out of 20. Kate scored 28 out of 40. What percentage of their penalties did they each score?

4 Reena keeps a record of her hens' eggs. Complete the table.

Week	Number of eggs laid	Number of eggs that hatched	Percentage of eggs hatched
Week 1	10	6	$\frac{6}{10} = 60\%$
Week 2	20	6	$\frac{6}{20} = \square\%$
Week 3	8	6	$\frac{6}{\square} = \square\%$
Week 4	12	6	

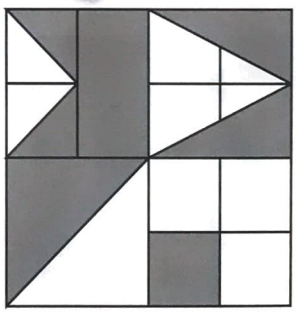
5 What percentage of each picture is shaded?

a)



$\frac{\square}{\square} = \square\%$

b)



$\frac{\square}{\square} = \square\%$