

UNDERSTAND PERCENTAGES



GET READY



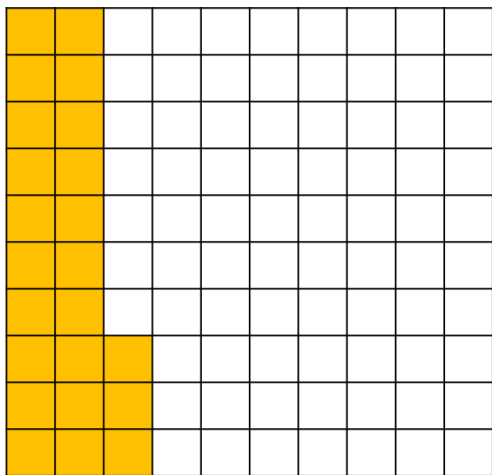
$$1) 100 \div 10 = 10$$

$$100 \div 100 = 1$$

$$2) 200 \div 10 = 20$$

$$200 \div 100 = 2$$

3) What fraction of the hundred square is shaded?
Write the fraction as a decimal.

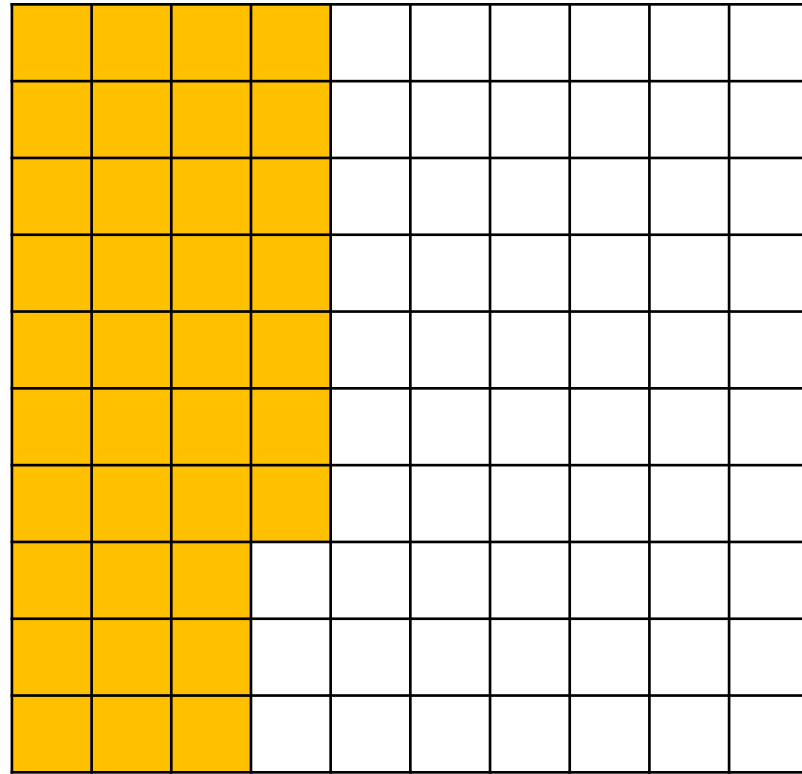


$$\frac{23}{100}$$

$$0.23$$

LET'S LEARN

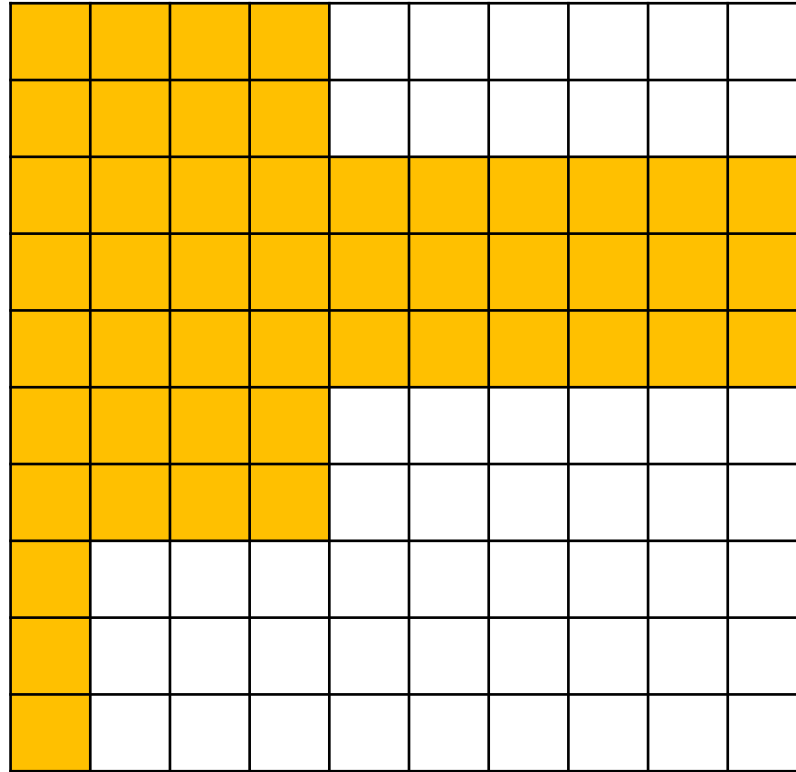




Percent means parts out of 100

There are 37 parts out of a hundred shaded.

This is 37 %



There are 49 parts out of a hundred shaded.

This is 49 %

49% is shaded, so 51% is not shaded.

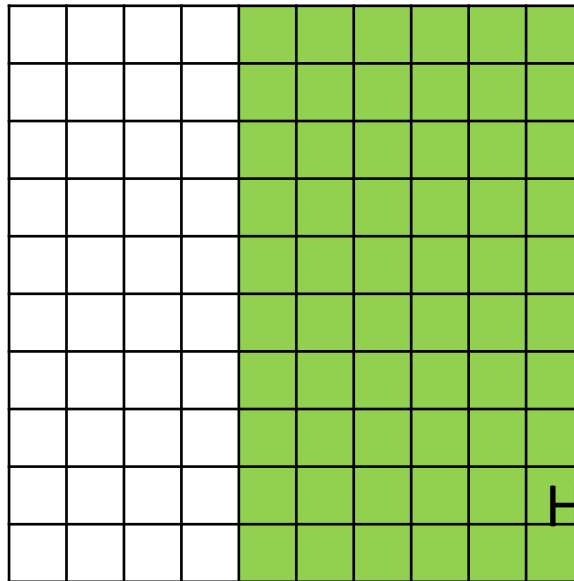


Has 6% of the bar model been shaded?



6 out of 10 pieces shaded = $\frac{6}{10}$

$\frac{6}{10} = \frac{60}{100} = 60 \text{ out of } 100 = 60\%$

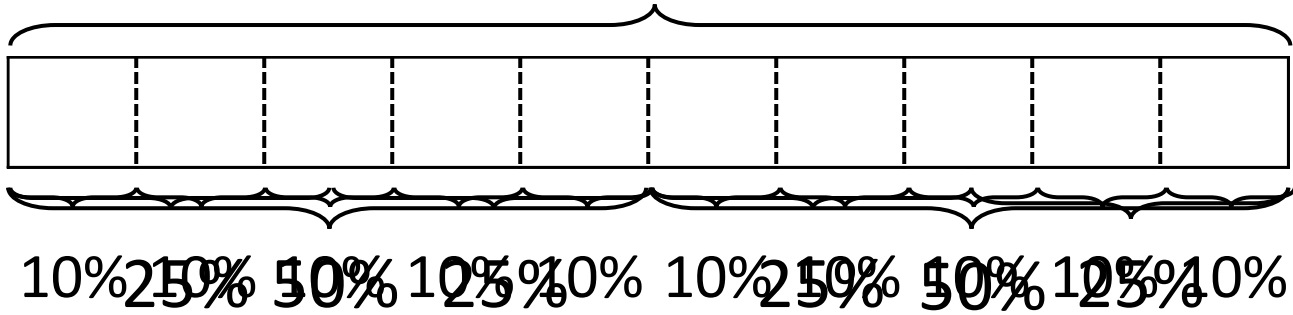


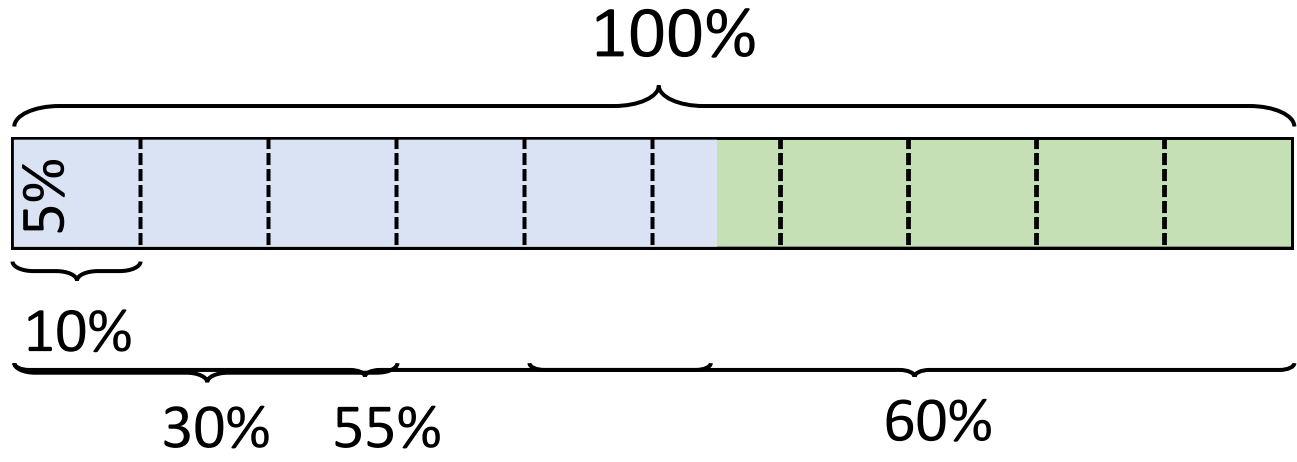
Have a think



What is 100%

100%





YOUR TURN

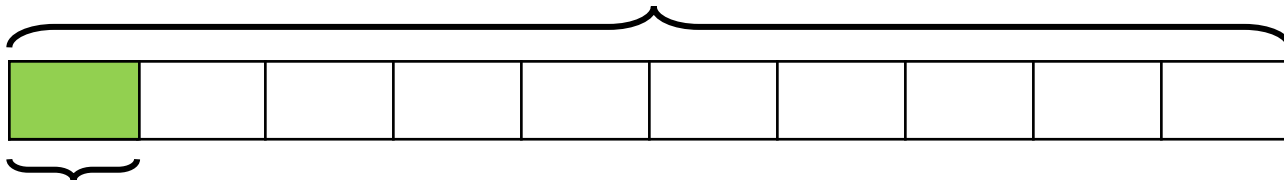
Have a go at questions
1 - 4 on the worksheet





There are 100 crayons in a box.
10% are broken.
How many are broken?

100 crayons



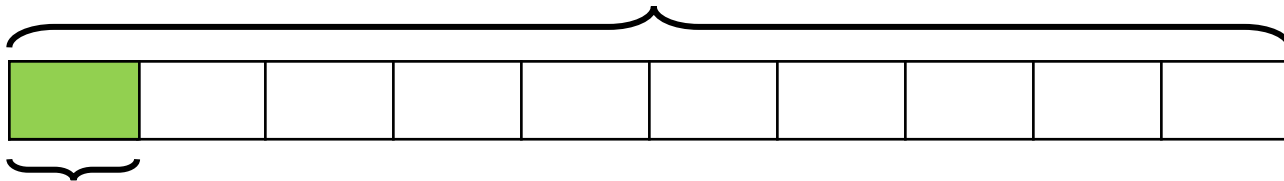
10% broken

10 crayons are broken.



There are 200 crayons in a box.
10% are broken.
How many are broken?

200 crayons



10% broken

20 crayons are broken.



Tommy has £1 to spend.



He spends 40 p on sweets.



He spends 35% of the £1 on a pencil.



What percentage of money does he have left?

Have a think



YOUR TURN

Have a go at the rest of
the questions on the
worksheet

