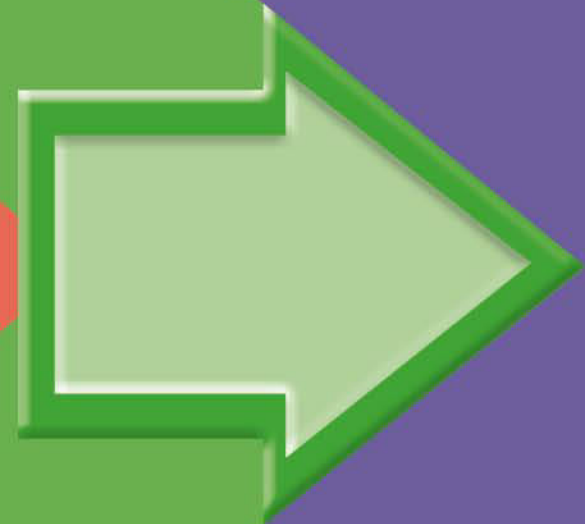


FRACTIONS TO PERCENTAGES



GET READY



1) Convert the fractions to percentages.

$$\frac{35}{100}$$

$$\frac{62}{100}$$

$$\frac{99}{100}$$

$$\frac{7}{100}$$

2) Convert the percentages to fractions.

41 %

3 %

37 %

10 %

1) Convert the fractions to percentages.

$$\frac{35}{100} \quad 35 \%$$

$$\frac{62}{100} \quad 62 \%$$

$$\frac{99}{100} \quad 99 \%$$

$$\frac{7}{100} \quad 7 \%$$

2) Convert the percentages to fractions.

$$41 \% \quad \frac{41}{100}$$

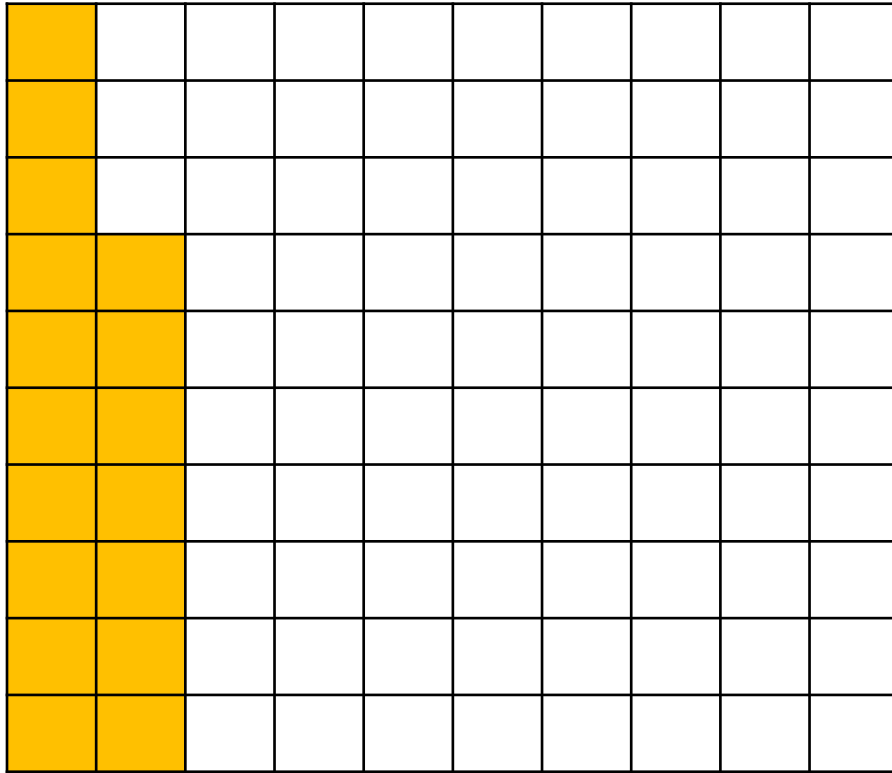
$$3 \% \quad \frac{3}{100}$$

$$37 \% \quad \frac{37}{100}$$

$$10 \% \quad \frac{10}{100} \quad \frac{1}{10}$$

LET'S LEARN





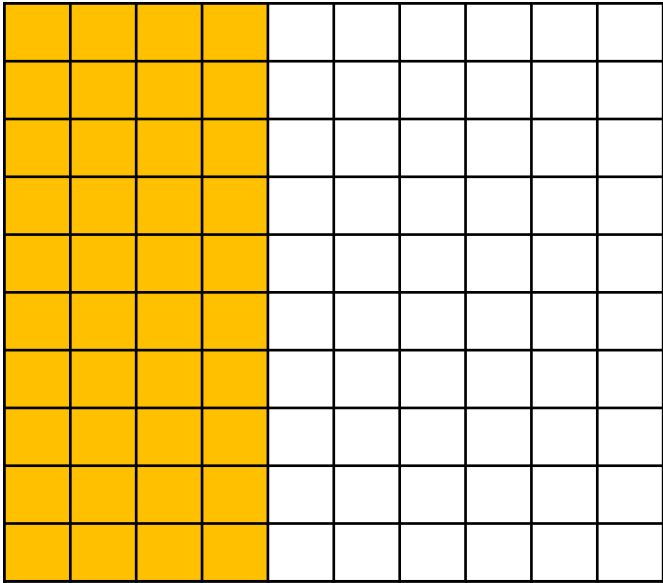
= seventeen
hundredths

$$= \frac{17}{100}$$

What percentage of the grid is shaded?

'out of' 'one hundred'

$$\frac{17}{100} = 17\% \text{ out of one hundred}$$



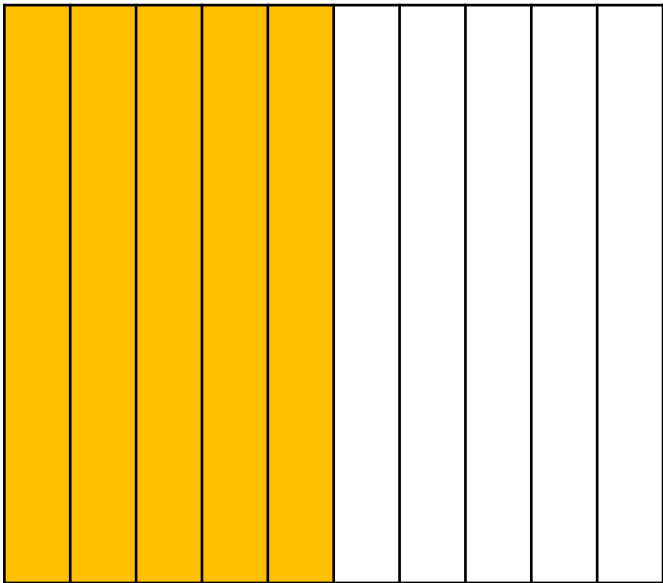
$$\frac{\boxed{}}{100}$$


$$= \boxed{}$$

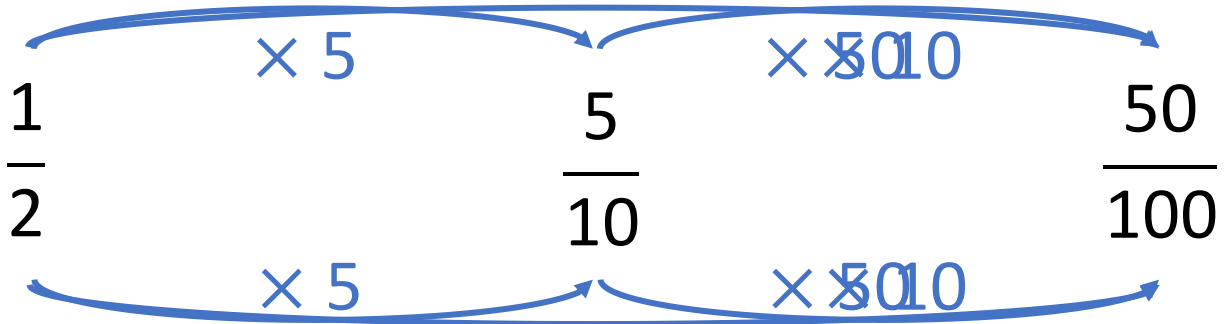
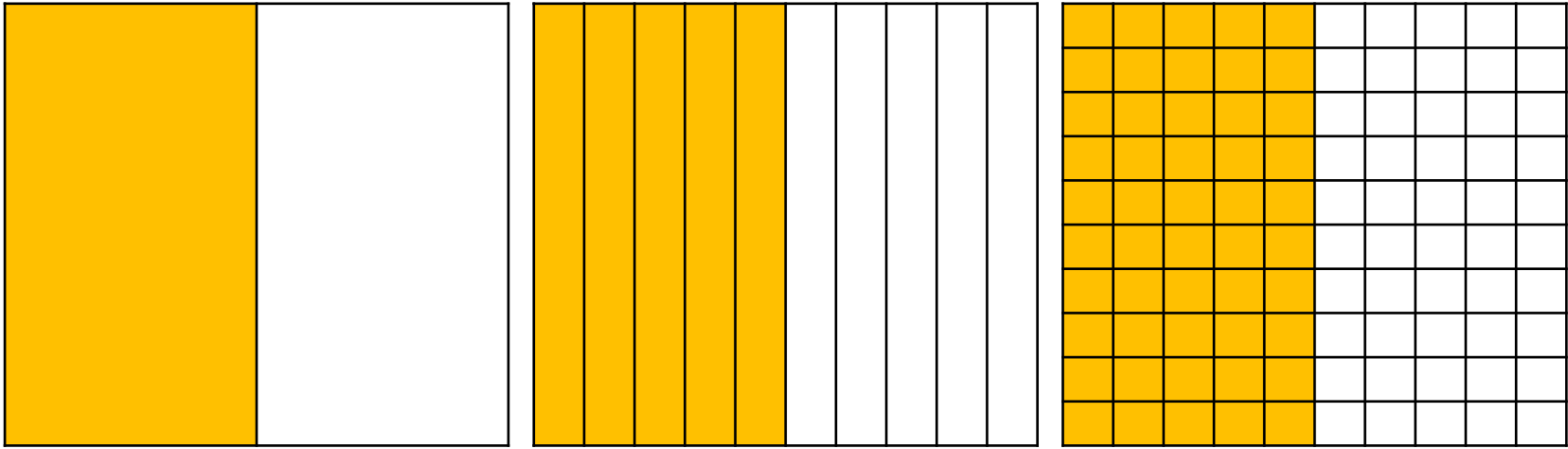
out of one hundred

$$= \boxed{}\%$$

$$\frac{4}{10} \overset{\times 10}{=} \frac{40}{100}$$



Have a think 



$$\frac{5}{10} = \frac{50}{100} = 50 \text{ out of one hundred}$$

$$\frac{5}{10} = 50\%$$

$$\frac{1}{2} = 50\%$$

YOUR TURN

Have a go at questions
1 - 2 on the worksheet



$$\frac{3}{5} = \frac{60}{100} = 60\%$$

(Note: Blue arrows indicate multiplying the numerator by 20 and the denominator by 20.)

Have a think



$$\frac{\square}{100} = 77\%$$

$$\frac{1}{\square} = \frac{\square}{\square} = 5\%$$

$$\frac{1}{5} = \frac{\square}{100} = \square$$

$$\frac{17}{20} = \frac{\square}{100} = \square$$

$$\frac{\square}{4} = \frac{75}{100} = \square$$

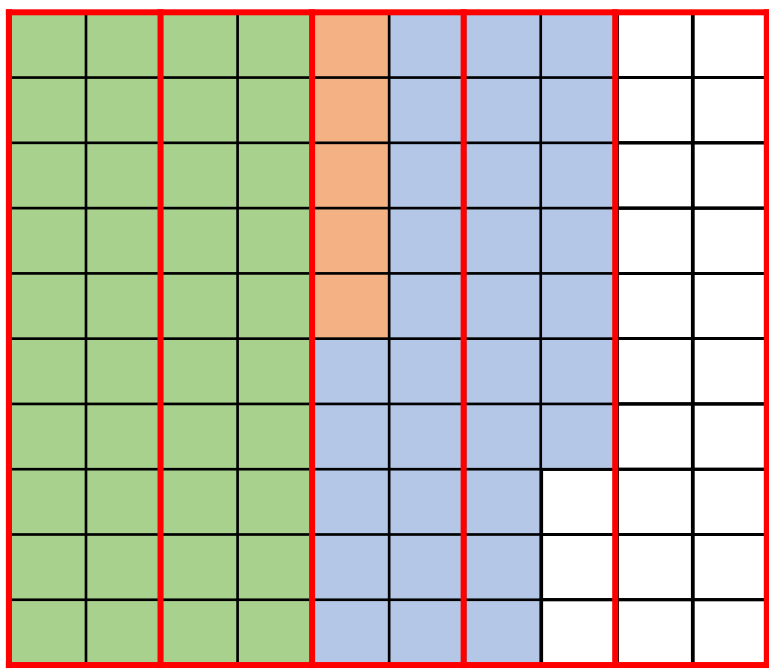
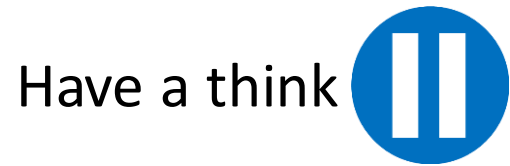
$\frac{2}{5}$ of the children at a school go in a car.

$\frac{1}{20}$ of the children cycle.

32 % of the children get the bus.

The rest of the children walk.

What percentage of children walk to school?



$$\frac{2}{20} = \frac{40}{100} = 40\%$$

Diagram showing the conversion of $\frac{2}{20}$ to $\frac{40}{100}$ by multiplying both numerator and denominator by 20. The result is 40%.

23 % of children walk

YOUR TURN

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

