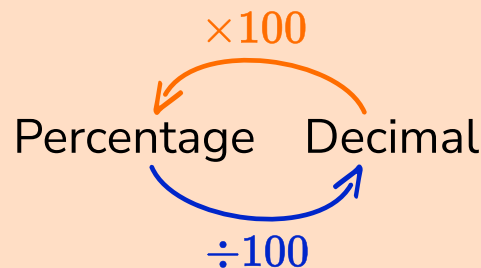


# Converting Between Decimals and Percentages


To convert between percentages and decimals, we use the idea that percent means “out of 100” or “hundredths”.



 **Example** Write 45% as a decimal.

Percentage  $\xrightarrow{\div 100}$  Decimal

$$45\% \rightarrow 45 \div 100 \rightarrow 0.45$$

 **Example** Write 0.72 as a percentage.

Decimal  $\xrightarrow{\times 100}$  Percentage

$$0.72 \rightarrow 0.72 \times 100 \rightarrow 72\%$$