



Donnington Wood CE  
Junior School

# Key Instant Recall Facts

Year 6: Spring 2

**Target: I can recall strategies for finding simple percentages of an amount.**

By the end of this half term, children in Year 6 should use fractional equivalences to find common percentages of amounts **instantly**:

Find 50%	$\div 2$
Find 25%	$\div 4$
Find 10%	$\div 10$
Find 1%	$\div 100$
Find 5%	$\div 100$ then $\times 5$ OR $\div 10$ then $\div 2$
Find 7%	$\div 100$ then $\times 7$
Find 30%	$\div 10$ then $\times 3$

## Key Vocabulary

percentage, per cent, amount, divide, multiply, equivalent

## Examples of Key Questions

How would you write 50% as a fraction?

How do you find 30% of 50?

To find 10%, you divide by ...

To find 40%, first you divide by ... then you multiply by ...

What strategy could you use to find 7% of 500?

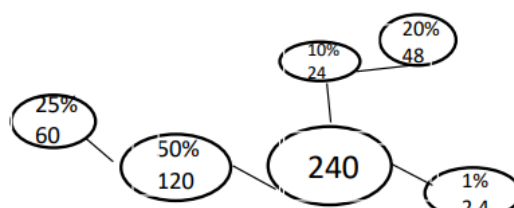
Is 20% of 60 the same as 60% of 20?

## Top Tips to help at home

The secret to success is to practise **little** and **often**. Use your time wisely. Can you practise these facts whilst walking to school, during a car journey or even at breakfast? You don't need to learn them all at once: perhaps try learning a fact a day.

### Play games

- **Bargain buys** – Go shopping and look for offers. Calculate what the price of the item is after the discount. Is it the best offer?
- **Percentage webs** – Create a web showing the different strategies you could use to calculate a percentage of an amount. Create a web showing what percentages you could calculate from an initial number.



## Useful website links

[Topmarks](#)

Lots of different percentage games

[Maths Games](#)

Lots of different percentage games

[Nrich](#)

Lots of different percentage games

HYPERLINK

"<https://www.bbc.co.uk/bitesize/topics/znjqtf/articles/zcfyw6f>" [BBC Bitesize](#)

Guide to finding percentages of an amount.

[Percentage Spiders](#)

Calculate different percentages of a number.



