



Donnington Wood CE
Junior School

Key Instant Recall Facts

Year 5: Autumn 1

Target: I can recall decimal number bonds to make 1 and 10.

By the end of this half term, children in Year 5 should know the following facts and be able to recall them **instantly**:

For example

$0.1 + 0.9 = 1$

$2.5 + 7.5 = 10$

$0.9 + 0.1 = 1$

$7.5 + 2.5 = 10$

$1 - 0.1 = 0.9$

$10 - 7.5 = 2.5$

$1 - 0.9 = 0.1$

$10 - 2.5 = 7.5$

$0.35 + 0.65 = 1$

$4.8 + 5.2 = 10$

$0.65 + 0.35 = 1$

$5.2 + 4.8 = 10$

$1 - 0.65 = 0.35$

$10 - 4.8 = 5.2$

$1 - 0.35 = 0.65$

$10 - 5.2 = 4.8$

Missing number questions

$0.4 + \square = 1$

$10 - \square = 2.9$

Key Vocabulary

add, subtract, number bonds, tenths, hundredths, ones, decimals, addend, sum

Examples of Key Questions

$0.62 + 0.38 = ?$

$? + 0.7 = 1$

$10 - ? = 0.35$

What do I add to 0.8 to make 1?

What is the sum of 3.7 and 6.3?

What is 1.3 less than 10?

What is the difference between 0.46 and 1?

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. Building confidence in maths is crucial so always remember to praise and encourage your child's efforts and to try to make these practice sessions enjoyable. If your child is not in the mood to practise, perhaps try a different time or an alternative strategy to try to encourage them. If you would like more ideas, please speak to your child's teacher.

Buy one get three free - If your child knows one fact, can they tell you the other three facts in the same fact family? e.g. If they know $0.8 + 0.2 = 1$, they also know $0.2 + 0.8 = 1$, $1 - 0.2 = 0.8$ and $1 - 0.8 = 0.2$.

Play games

- **Number ping pong** - Start off saying 'ping', your child will reply with 'pong'. Repeat this but converting to numbers, i.e. you say 0.3 and they reply 0.7.
- **Timed challenges** - How many questions can you answer in 2 minutes? Can you beat your own record?
- **Make cards** - Create cards with number bonds to 1 and 10. You could use them as flash cards to quiz your child or use them to play games such as SNAP or matching pairs.
- **Create a board game or treasure hunt**

Useful website links

[Hit the Button](#)

Decimal number
bonds



[Studyzone](#)

Decimal number
bonds to 10



[Topmarks](#)

Paint the square -
interactive game
(decimals)

