

Key Instant Recall Facts - Year 1 Summer 1



I know doubles and halves for numbers to 10

By the end of this half term, pupils should know the following facts. The aim is for them to recall these facts **instantly**.

Fact Families

$0 + 0 = 0$	
$1 + 1 = 2$	
$2 + 2 = 4$	$\frac{1}{2}$ of 0 = 0
$3 + 3 = 6$	$\frac{1}{2}$ of 2 = 1
$4 + 4 = 8$	$\frac{1}{2}$ of 4 = 2
$5 + 5 = 10$	$\frac{1}{2}$ of 6 = 3
$6 + 6 = 12$	$\frac{1}{2}$ of 8 = 4
$7 + 7 = 14$	$\frac{1}{2}$ of 10 = 5
$8 + 8 = 16$	
$9 + 9 = 18$	
$10 + 10 = 20$	

Key Vocabulary:

What is **double** 9?
What is **half** of 6?
What is the **whole**?
What are the **parts**?

$6 + 6 = 12$
Whole = 12
Parts = 6 and 6

They should be able to answer these questions in any order, including missing number questions e.g.

$$8 + ? = 16 \quad \text{or} \quad 16 - ? = 8.$$

Top tips

The secret to success is practising **little** and **often**. Use time wisely. **Can you practise these KIRFs while walking to school or during a car journey?** You don't need to practise them all at once: perhaps you could have a fact of the day. If you would like more ideas, please speak to your child's teacher.

Activity ideas

* **Ping Pong**- In this game, the parent says, "Ping," and the child replies, "Pong." Then the parent says a number and the child doubles it. For a harder version, the adult can say, "Pong." The child replies, "Ping," and then halves the next number given.

* **Practise online** - Go to

<http://www.conkermaths.org/cmweb.nsf/products/conkerkirfs.html> (Doubles tab) and see how many questions you can answer in just 90 seconds.

<https://www.topmarks.co.uk/maths-games/hit-the-button> - doubles button - children have to hit the button that shows the doubling answer.