



Key Instant Recall Facts

Year 1 – Autumn 2

Number bonds for 6, 7 and 8.

$0 + 6 = 6$

$1 + 5 = 6$

$2 + 4 = 6$

$3 + 3 = 6$

$4 + 2 = 6$

$5 + 1 = 6$

$6 + 0 = 6$

$0 + 7 = 7$

$1 + 6 = 7$

$2 + 5 = 7$

$3 + 4 = 7$

$4 + 3 = 7$

$5 + 2 = 7$

$6 + 1 = 7$

$7 + 0 = 7$

$0 + 8 = 8$

$1 + 7 = 8$

$2 + 6 = 8$

$3 + 5 = 8$

$4 + 4 = 8$

$5 + 3 = 8$

$6 + 2 = 8$

$7 + 1 = 8$

$8 + 0 = 8$

Key Vocabulary

What is 5 **add** 2?

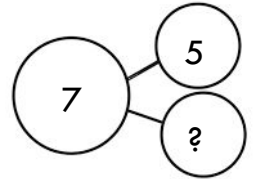
What is 2 **more than** 6?

What is 8 **take away** 3?

What is 1 **less than** 7?

If one part is 4 and the whole is 8, what is the other part?

They should be able to answer these questions in any order, including missing number questions e.g. $3 \oplus = 7$ or $8 \ominus = 2$.



Top Tips

The secret to success is practising little and often. You don't need to practise them all at once: perhaps you could have a fact of the day.

Use practical resources. Your child has 6 toy cars on a play mat and you give them 2 more. Can they say how many they will have now?

You can play number bond pairs online at

<https://www.topmarks.co.uk/maths-games/hit-the-button> The games for addition within 10 and missing numbers will help to develop speedy recall of these facts.



The first three challenge levels on Numbots are: Adding and subtracting 1 or 2 within 10, Number bonds to 5 and doubles within 10.



Key Instant Recall Facts

Year 2 – Autumn 2

Addition and subtraction facts to 20.

$0 + 20 = 20$	$20 + 0 = 20$	$20 - 0 = 20$	$20 - 20 = 0$
$1 + 19 = 20$	$19 + 1 = 20$	$20 - 1 = 19$	$20 - 19 = 1$
$2 + 18 = 20$	$18 + 2 = 20$	$20 - 2 = 18$	$20 - 18 = 2$
$3 + 17 = 20$	$17 + 3 = 20$	$20 - 3 = 17$	$20 - 17 = 3$
$4 + 16 = 20$	$16 + 4 = 20$	$20 - 4 = 16$	$20 - 16 = 4$
$5 + 15 = 20$	$15 + 5 = 20$	$20 - 5 = 15$	$20 - 15 = 5$
$6 + 14 = 20$	$14 + 6 = 20$	$20 - 6 = 14$	$20 - 14 = 6$
$7 + 13 = 20$	$13 + 7 = 20$	$20 - 7 = 13$	$20 - 13 = 7$
$8 + 12 = 20$	$12 + 8 = 20$	$20 - 8 = 12$	$20 - 12 = 8$
$9 + 11 = 20$	$11 + 9 = 20$	$20 - 9 = 11$	$20 - 11 = 9$
$10 + 10 = 20$		$20 - 10 = 10$	

Key Vocabulary

What do I **add** to 5 to make 20?

What is 20 **take away** 6?

What is 3 **less than** 20?

How many more than 16 is 20?

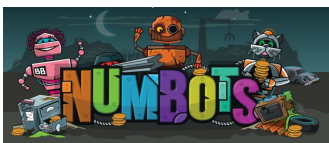
They should be able to answer these questions in any order, including missing number questions e.g. $19 \oplus = 20$ or $20 \ominus = 8$.

Top Tips

The secret to success is practising little and often. You don't need to practise them all at once: perhaps you could have a fact of the day.

Use what you already know – Use number bonds to 10 (e.g. $7 + 3 = 10$) to work out related number bonds to 20 (e.g. $17 + 3 = 20$).

Go on Hit the Button <https://www.topmarks.co.uk/maths-games/hit-the-button> Have a go at the Number Bonds activities: Make 20, Addition within 20 and Subtraction within 20.



Levels 6 - 10 on Numbots will help to develop speedy recall.