



Key Instant Recall Facts Y2

I can count on and back in steps of different sizes

This needs to be practised little and often. Your child should be able to count in steps from different starting points.

Step 1:

Counting in 3s, forwards and backwards from 0 and beyond 30. Start at different points so not always at the beginning e.g. 9,12,15,18,21 and 4,7,10,13,16

Step 2:

Counting in 100s, forwards and backwards from 0 and beyond 1000. Count in 100s from different starting numbers e.g. 400,500,600,700 and 140,240,340,440,540,640

Step 3:

Counting in 5s, forwards and backwards from 0 and beyond 50. Count in 5s from different starting numbers e.g. 25,30,35,40 and 3,8,13,18,23,28,

I know number bond facts to 100

These facts should be known instantly 'off by heart' so no counting on or working out is needed.

Some examples:

$$60 + 40 = 100$$

$$40 + 60 = 100$$

$$100 - 40 = 60$$

$$100 - 60 = 40$$

$$75 + 25 = 100$$

$$25 + 75 = 100$$

$$100 - 25 = 75$$

$$100 - 75 = 25$$

$$37 + 63 = 100$$

$$63 + 37 = 100$$

$$100 - 63 = 37$$

$$100 - 37 = 63$$

$$48 + 52 = 100$$

$$52 + 48 = 100$$

$$100 - 52 = 48$$

$$100 - 48 = 52$$

Key Vocabulary

What do I **add** to 65 to make 100?

What is 100 **take away** 6?

What is 13 **less than** 100?

How many more than 98 is 100?

What is the **difference** between 89 and 100?

This list includes some examples of facts that children should know. They should be able to answer questions including missing number questions e.g. $49 + \bigcirc = 100$ or $100 - \bigcirc = 72$.

Extras:

Make links with money amounts to make £1 and change

Links between measures—e.g. how many more cm to make 1m?

I know multiplication and division facts for 2x table

These need to be instant recall and out of order

$2 \times 0 = 0$	$0 \times 1 = 0$		
$2 \times 1 = 2$	$1 \times 2 = 2$	$2 \div 2 = 1$	$2 \div 1 = 2$
$2 \times 2 = 4$	$2 \times 2 = 4$	$4 \div 2 = 2$	$4 \div 2 = 2$
$2 \times 3 = 6$	$3 \times 2 = 6$	$6 \div 2 = 3$	$6 \div 3 = 2$
$2 \times 4 = 8$	$4 \times 2 = 8$	$8 \div 2 = 4$	$8 \div 4 = 2$
$2 \times 5 = 10$	$5 \times 2 = 10$	$10 \div 2 = 5$	$10 \div 5 = 2$
$2 \times 6 = 12$	$6 \times 2 = 12$	$12 \div 2 = 6$	$12 \div 6 = 2$
$2 \times 7 = 14$	$7 \times 2 = 14$	$14 \div 2 = 7$	$14 \div 7 = 2$
$2 \times 8 = 16$	$8 \times 2 = 16$	$16 \div 2 = 8$	$16 \div 8 = 2$
$2 \times 9 = 18$	$9 \times 2 = 18$	$18 \div 2 = 9$	$18 \div 9 = 2$
$2 \times 10 = 20$	$10 \times 2 = 20$	$20 \div 2 = 10$	$20 \div 10 = 2$
$2 \times 11 = 22$	$11 \times 2 = 22$	$22 \div 2 = 11$	$22 \div 11 = 2$
$2 \times 12 = 24$	$12 \times 2 = 24$	$24 \div 2 = 12$	$24 \div 12 = 2$

They should be able to answer these questions in any order, including missing number questions e.g. $3 \times \bigcirc = 18$ or $\bigcirc \div 3 = 11$.

Key Vocabulary

What is 2 **multiplied by** 7?

What is 2 **times** 9?

What is 12 **divided by** 2?

I know multiplication and division facts for 5x table

These need to be instant recall and out of order

$5 \times 0 = 0$	$0 \times 5 = 0$		
$5 \times 1 = 5$	$1 \times 5 = 5$	$5 \div 5 = 1$	$5 \div 1 = 5$
$5 \times 2 = 10$	$2 \times 5 = 10$	$10 \div 5 = 2$	$10 \div 2 = 5$
$5 \times 3 = 15$	$3 \times 5 = 15$	$15 \div 5 = 3$	$15 \div 3 = 5$
$5 \times 4 = 20$	$4 \times 5 = 20$	$20 \div 5 = 4$	$20 \div 4 = 5$
$5 \times 5 = 25$	$5 \times 5 = 25$	$25 \div 5 = 5$	$25 \div 5 = 5$
$5 \times 6 = 30$	$6 \times 5 = 30$	$30 \div 5 = 6$	$30 \div 6 = 5$
$5 \times 7 = 35$	$7 \times 5 = 35$	$35 \div 5 = 7$	$35 \div 7 = 5$
$5 \times 8 = 40$	$8 \times 5 = 40$	$40 \div 5 = 8$	$40 \div 8 = 5$
$5 \times 9 = 45$	$9 \times 5 = 45$	$45 \div 5 = 9$	$45 \div 9 = 5$
$5 \times 10 = 50$	$10 \times 5 = 50$	$50 \div 5 = 10$	$50 \div 10 = 5$
$5 \times 11 = 55$	$11 \times 5 = 55$	$55 \div 5 = 11$	$55 \div 11 = 5$
$5 \times 12 = 60$	$12 \times 5 = 60$	$60 \div 5 = 12$	$60 \div 12 = 5$

Key Vocabulary

What is 5 **multiplied by** 7?

What is 5 **times** 9?

What is 60 **divided by** 5?

I know multiplication and division facts for 3x table

These need to be instant recall and out of order

$3 \times 0 = 0$	$0 \times 3 = 0$		
$3 \times 1 = 3$	$1 \times 3 = 3$	$3 \div 3 = 1$	$3 \div 1 = 3$
$3 \times 2 = 6$	$2 \times 3 = 6$	$6 \div 3 = 2$	$6 \div 2 = 3$
$3 \times 3 = 9$	$3 \times 3 = 9$	$9 \div 3 = 3$	$9 \div 3 = 3$
$3 \times 4 = 12$	$4 \times 3 = 12$	$12 \div 3 = 4$	$12 \div 4 = 3$
$3 \times 5 = 15$	$5 \times 3 = 15$	$15 \div 3 = 5$	$15 \div 5 = 3$
$3 \times 6 = 18$	$6 \times 3 = 18$	$18 \div 3 = 6$	$18 \div 6 = 3$
$3 \times 7 = 21$	$7 \times 3 = 21$	$21 \div 3 = 7$	$21 \div 7 = 3$
$3 \times 8 = 24$	$8 \times 3 = 24$	$24 \div 3 = 8$	$24 \div 8 = 3$
$3 \times 9 = 27$	$9 \times 3 = 27$	$27 \div 3 = 9$	$27 \div 9 = 3$
$3 \times 10 = 30$	$10 \times 3 = 30$	$30 \div 3 = 10$	$30 \div 10 = 3$
$3 \times 11 = 33$	$11 \times 3 = 33$	$33 \div 3 = 11$	$33 \div 11 = 3$
$3 \times 12 = 36$	$12 \times 3 = 36$	$36 \div 3 = 12$	$36 \div 12 = 3$

Key Vocabulary

What is 3 multiplied by 8?

What is 8 times 3?

What is 24 divided by 3?