



Key Instant Recall Facts Y4

I can count on and back in steps of different sizes in decimals

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 6s, forwards and backwards from 0 and beyond 60. Start at different points so not always at the beginning e.g. 36, 42, 48, 54 and 7, 13, 19, 25, 31,

Step 2:

Counting in 7s, forwards and backwards from 0 and beyond 70. Start at different points so not always at the beginning e.g. 35, 42, 49, 56 and 6, 13, 20, 27, 34

Step 3:

Counting in 9s, forwards and backwards from 0 and beyond 90. Start at different points so not always at the beginning e.g. 27, 36, 45, 54, 63, and 7, 16, 25, 34, 43,

Extra:

Give a decimal lying between 2 others e.g. between 4.2 and 4.9 or 3.2 and 3.3

Say which is greater or smaller.

Order decimal numbers and link to money or measures

I know multiplication and division facts for 6x table

These need to be instant recall and out of order

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

$6 \times 0 = 0$	$0 \times 6 = 0$		
$6 \times 1 = 6$	$1 \times 6 = 6$	$6 \div 6 = 1$	$6 \div 1 = 6$
$6 \times 2 = 12$	$2 \times 6 = 12$	$12 \div 6 = 2$	$12 \div 2 = 6$
$6 \times 3 = 18$	$3 \times 6 = 18$	$18 \div 6 = 3$	$18 \div 3 = 6$
$6 \times 4 = 24$	$4 \times 6 = 24$	$24 \div 6 = 4$	$24 \div 4 = 6$
$6 \times 5 = 30$	$5 \times 6 = 30$	$30 \div 6 = 5$	$30 \div 5 = 6$
$6 \times 6 = 36$	$6 \times 6 = 36$	$36 \div 6 = 6$	$36 \div 6 = 6$
$6 \times 7 = 42$	$7 \times 6 = 42$	$42 \div 6 = 7$	$42 \div 7 = 6$
$6 \times 8 = 48$	$8 \times 6 = 48$	$48 \div 6 = 8$	$48 \div 8 = 6$
$6 \times 9 = 54$	$9 \times 6 = 54$	$54 \div 6 = 9$	$54 \div 9 = 6$
$6 \times 10 = 60$	$10 \times 6 = 60$	$60 \div 6 = 10$	$60 \div 10 = 6$
$6 \times 11 = 66$	$11 \times 6 = 66$	$66 \div 6 = 11$	$66 \div 11 = 6$
$6 \times 12 = 72$	$12 \times 6 = 72$	$72 \div 6 = 12$	$72 \div 12 = 6$

Key Vocabulary

What is 8 multiplied by 6?

What is 6 times 8?

What is 24 divided by 6?

I know multiplication and division facts for 7x table

These need to be instant recall and out of order

$7 \times 0 = 0$	$0 \times 7 = 0$		
$7 \times 1 = 7$	$1 \times 7 = 7$	$7 \div 7 = 1$	$7 \div 1 = 7$
$7 \times 2 = 14$	$2 \times 7 = 14$	$14 \div 7 = 2$	$14 \div 2 = 7$
$7 \times 3 = 21$	$3 \times 7 = 21$	$21 \div 7 = 3$	$21 \div 3 = 7$
$7 \times 4 = 28$	$4 \times 7 = 28$	$28 \div 7 = 4$	$28 \div 4 = 7$
$7 \times 5 = 35$	$5 \times 7 = 35$	$35 \div 7 = 5$	$35 \div 5 = 7$
$7 \times 6 = 42$	$6 \times 7 = 42$	$42 \div 7 = 6$	$42 \div 6 = 7$
$7 \times 7 = 49$	$7 \times 7 = 49$	$49 \div 7 = 7$	$49 \div 7 = 7$
$7 \times 8 = 56$	$8 \times 7 = 56$	$56 \div 7 = 8$	$56 \div 8 = 7$
$7 \times 9 = 63$	$9 \times 7 = 63$	$63 \div 7 = 9$	$63 \div 9 = 7$
$7 \times 10 = 70$	$10 \times 7 = 70$	$70 \div 7 = 10$	$70 \div 10 = 7$
$7 \times 11 = 77$	$11 \times 7 = 77$	$77 \div 7 = 11$	$77 \div 11 = 7$
$7 \times 12 = 84$	$12 \times 7 = 84$	$84 \div 7 = 12$	$84 \div 12 = 7$

Key Vocabulary

What is 7 multiplied by 6?

What is 7 times 8?

What is 84 divided by 7?

I know multiplication and division facts for 9x table

These need to be instant recall and out of order

$9 \times 0 = 0$	$0 \times 9 = 0$		
$9 \times 1 = 9$	$1 \times 9 = 9$	$9 \div 9 = 1$	$9 \div 1 = 9$
$9 \times 2 = 18$	$2 \times 9 = 18$	$18 \div 9 = 2$	$18 \div 2 = 9$
$9 \times 3 = 27$	$3 \times 9 = 27$	$27 \div 9 = 3$	$27 \div 3 = 9$
$9 \times 4 = 36$	$4 \times 9 = 36$	$36 \div 9 = 4$	$36 \div 4 = 9$
$9 \times 5 = 45$	$5 \times 9 = 45$	$45 \div 9 = 5$	$45 \div 5 = 9$
$9 \times 6 = 54$	$6 \times 9 = 54$	$54 \div 9 = 6$	$54 \div 6 = 9$
$9 \times 7 = 63$	$7 \times 9 = 63$	$63 \div 9 = 7$	$63 \div 7 = 9$
$9 \times 8 = 72$	$8 \times 9 = 72$	$72 \div 9 = 8$	$72 \div 8 = 9$
$9 \times 9 = 81$	$9 \times 9 = 81$	$81 \div 9 = 9$	$81 \div 9 = 9$
$9 \times 10 = 90$	$10 \times 9 = 90$	$90 \div 9 = 10$	$90 \div 10 = 9$
$9 \times 11 = 99$	$11 \times 9 = 99$	$99 \div 9 = 11$	$99 \div 11 = 9$
$9 \times 12 = 108$	$12 \times 9 = 108$	$108 \div 9 = 12$	$108 \div 12 = 9$

I know multiplication and division facts for 11x and 12x table

These need to be instant recall and out of order. Complete facts not yet learned and practise as a mixed group from across all tables using both multiplication and division.

$11 \times 11 = 121$

$121 \div 11 = 11$

$12 \times 11 = 132$

$11 \times 12 = 132$

$132 \div 11 = 12$

$132 \div 12 = 11$

$12 \times 12 = 144$

$144 \div 12 = 12$

I can multiply any whole number or decimal by 10/100/1000

The examples show t=what your child needs to be able to do. It is important to stress the change in place value rather than adding zeros or moving decimal points which are not considered to be mathematically correct.

$7 \times 10 = 70$

$30 \times 10 = 300$

$0.8 \times 10 = 8$

$10 \times 7 = 70$

$10 \times 30 = 300$

$10 \times 0.8 = 8$

$6 \times 100 = 600$

$40 \times 100 = 4000$

$0.2 \times 10 = 2$

$100 \times 6 = 600$

$100 \times 40 = 4000$

$10 \times 0.2 = 2$