



Key Instant Recall Facts Y3

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 4s, forwards and backwards from 0 and beyond 40. Start at different points so not always at the beginning
e.g. 24,28, 32, 36, 40, 44, and 14, 18, 22, 26

Step 2: Counting in 8s, forwards and backwards from 0 and beyond 80. Start at different points so not always at the beginning
e.g. 24,32,40,48,56, and ,12,20,28,36,44

I can add and subtract numbers mentally

Step 1—add two two-digit numbers together using partitioning. $24 + 33$ would be $20+30 = 50$ and $4+4=7$ so answer is 57.

Subtract a two-digit number from another. $76 - 32$.

Step 2: add two three digit numbers together. i.e $132 + 254$

I know multiplication and division facts for 4x table

These need to be instant recall and out of order

| | | | |
|--------------------|--------------------|------------------|------------------|
| $4 \times 0 = 0$ | $0 \times 5 = 0$ | | |
| $4 \times 1 = 4$ | $1 \times 4 = 4$ | $4 \div 4 = 1$ | $4 \div 1 = 4$ |
| $4 \times 2 = 8$ | $2 \times 4 = 8$ | $8 \div 4 = 2$ | $8 \div 2 = 4$ |
| $4 \times 3 = 12$ | $3 \times 4 = 12$ | $12 \div 4 = 3$ | $12 \div 3 = 4$ |
| $4 \times 4 = 16$ | $4 \times 4 = 16$ | $16 \div 4 = 4$ | $16 \div 4 = 4$ |
| $4 \times 5 = 20$ | $5 \times 4 = 20$ | $20 \div 4 = 5$ | $20 \div 5 = 4$ |
| $4 \times 6 = 24$ | $6 \times 4 = 24$ | $24 \div 4 = 6$ | $24 \div 6 = 4$ |
| $4 \times 7 = 28$ | $7 \times 4 = 28$ | $28 \div 4 = 7$ | $28 \div 7 = 4$ |
| $4 \times 8 = 32$ | $8 \times 4 = 32$ | $32 \div 4 = 8$ | $32 \div 8 = 4$ |
| $4 \times 9 = 36$ | $9 \times 4 = 36$ | $36 \div 4 = 9$ | $36 \div 9 = 4$ |
| $4 \times 10 = 40$ | $10 \times 4 = 40$ | $40 \div 4 = 10$ | $40 \div 10 = 4$ |
| $4 \times 11 = 44$ | $11 \times 4 = 44$ | $44 \div 4 = 11$ | $44 \div 11 = 4$ |
| $4 \times 12 = 48$ | $12 \times 4 = 48$ | $48 \div 4 = 12$ | $48 \div 12 = 4$ |

Key Vocabulary

What is 4 multiplied by 6?

What is 8 times 4?

What is 24 divided by 4?

I know multiplication and division facts for 8x table

These need to be instant recall and out of order

| | | | |
|--------------------|--------------------|------------------|------------------|
| $8 \times 0 = 0$ | $0 \times 8 = 0$ | | |
| $8 \times 1 = 8$ | $1 \times 8 = 8$ | $8 \div 8 = 1$ | $8 \div 1 = 8$ |
| $8 \times 2 = 16$ | $2 \times 8 = 16$ | $16 \div 8 = 2$ | $6 \div 2 = 8$ |
| $8 \times 3 = 24$ | $3 \times 8 = 24$ | $24 \div 8 = 3$ | $24 \div 3 = 8$ |
| $8 \times 4 = 32$ | $4 \times 8 = 32$ | $32 \div 8 = 4$ | $32 \div 4 = 8$ |
| $8 \times 5 = 40$ | $5 \times 8 = 40$ | $40 \div 8 = 5$ | $40 \div 5 = 8$ |
| $8 \times 6 = 48$ | $6 \times 8 = 48$ | $48 \div 8 = 6$ | $48 \div 6 = 8$ |
| $8 \times 7 = 56$ | $7 \times 8 = 56$ | $56 \div 8 = 7$ | $56 \div 7 = 8$ |
| $8 \times 8 = 64$ | $8 \times 8 = 64$ | $64 \div 8 = 8$ | $64 \div 8 = 8$ |
| $8 \times 9 = 72$ | $9 \times 8 = 72$ | $72 \div 8 = 9$ | $72 \div 9 = 8$ |
| $8 \times 10 = 80$ | $10 \times 8 = 80$ | $80 \div 8 = 10$ | $80 \div 10 = 8$ |
| $8 \times 11 = 88$ | $11 \times 8 = 88$ | $88 \div 8 = 11$ | $88 \div 11 = 8$ |
| $8 \times 12 = 96$ | $12 \times 8 = 96$ | $96 \div 8 = 12$ | $96 \div 12 = 8$ |

Key Vocabulary

What is 8 multiplied by 6?

What is 8 times 8?

What is 24 divided by 8?

