

Key Instant Recall Facts

Year 6 - Autumn 1

I know the multiplication and division facts for all the times tables up to 12×12 .

The year 6 children should already know **ALL** the times tables up to 12×12 . The aim is for them to recall these facts **instantly**. This half term is a chance for year 6 children to consolidate their knowledge of multiplication and division facts and to increase their speed of recall.

TIMES TABLES

| 1x | 2x | 3x | 4x | 5x | 6x |
|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| $1 \times 1 = 1$ | $1 \times 2 = 2$ | $1 \times 3 = 3$ | $1 \times 4 = 4$ | $1 \times 5 = 5$ | $1 \times 6 = 6$ |
| $2 \times 1 = 2$ | $2 \times 2 = 4$ | $2 \times 3 = 6$ | $2 \times 4 = 8$ | $2 \times 5 = 10$ | $2 \times 6 = 12$ |
| $3 \times 1 = 3$ | $3 \times 2 = 6$ | $3 \times 3 = 9$ | $3 \times 4 = 12$ | $3 \times 5 = 15$ | $3 \times 6 = 18$ |
| $4 \times 1 = 4$ | $4 \times 2 = 8$ | $4 \times 3 = 12$ | $4 \times 4 = 16$ | $4 \times 5 = 20$ | $4 \times 6 = 24$ |
| $5 \times 1 = 5$ | $5 \times 2 = 10$ | $5 \times 3 = 15$ | $5 \times 4 = 20$ | $5 \times 5 = 25$ | $5 \times 6 = 30$ |
| $6 \times 1 = 6$ | $6 \times 2 = 12$ | $6 \times 3 = 18$ | $6 \times 4 = 24$ | $6 \times 5 = 30$ | $6 \times 6 = 36$ |
| $7 \times 1 = 7$ | $7 \times 2 = 14$ | $7 \times 3 = 21$ | $7 \times 4 = 28$ | $7 \times 5 = 35$ | $7 \times 6 = 42$ |
| $8 \times 1 = 8$ | $8 \times 2 = 16$ | $8 \times 3 = 24$ | $8 \times 4 = 32$ | $8 \times 5 = 40$ | $8 \times 6 = 48$ |
| $9 \times 1 = 9$ | $9 \times 2 = 18$ | $9 \times 3 = 27$ | $9 \times 4 = 36$ | $9 \times 5 = 45$ | $9 \times 6 = 54$ |
| $10 \times 1 = 10$ | $10 \times 2 = 20$ | $10 \times 3 = 30$ | $10 \times 4 = 40$ | $10 \times 5 = 50$ | $10 \times 6 = 60$ |
| $11 \times 1 = 11$ | $11 \times 2 = 22$ | $11 \times 3 = 33$ | $11 \times 4 = 44$ | $11 \times 5 = 55$ | $11 \times 6 = 66$ |
| $12 \times 1 = 12$ | $12 \times 2 = 24$ | $12 \times 3 = 36$ | $12 \times 4 = 48$ | $12 \times 5 = 60$ | $12 \times 6 = 72$ |

| 7x | 8x | 9x | 10x | 11x | 12x |
|--------------------|--------------------|---------------------|----------------------|----------------------|----------------------|
| $1 \times 7 = 7$ | $1 \times 8 = 8$ | $1 \times 9 = 9$ | $1 \times 10 = 10$ | $1 \times 11 = 11$ | $1 \times 12 = 12$ |
| $2 \times 7 = 14$ | $2 \times 8 = 16$ | $2 \times 9 = 18$ | $2 \times 10 = 20$ | $2 \times 11 = 22$ | $2 \times 12 = 24$ |
| $3 \times 7 = 21$ | $3 \times 8 = 24$ | $3 \times 9 = 27$ | $3 \times 10 = 30$ | $3 \times 11 = 33$ | $3 \times 12 = 36$ |
| $4 \times 7 = 28$ | $4 \times 8 = 32$ | $4 \times 9 = 36$ | $4 \times 10 = 40$ | $4 \times 11 = 44$ | $4 \times 12 = 48$ |
| $5 \times 7 = 35$ | $5 \times 8 = 40$ | $5 \times 9 = 45$ | $5 \times 10 = 50$ | $5 \times 11 = 55$ | $5 \times 12 = 60$ |
| $6 \times 7 = 42$ | $6 \times 8 = 48$ | $6 \times 9 = 54$ | $6 \times 10 = 60$ | $6 \times 11 = 66$ | $6 \times 12 = 72$ |
| $7 \times 7 = 49$ | $7 \times 8 = 56$ | $7 \times 9 = 63$ | $7 \times 10 = 70$ | $7 \times 11 = 77$ | $7 \times 12 = 84$ |
| $8 \times 7 = 56$ | $8 \times 8 = 64$ | $8 \times 9 = 72$ | $8 \times 10 = 80$ | $8 \times 11 = 88$ | $8 \times 12 = 96$ |
| $9 \times 7 = 63$ | $9 \times 8 = 72$ | $9 \times 9 = 81$ | $9 \times 10 = 90$ | $9 \times 11 = 99$ | $9 \times 12 = 108$ |
| $10 \times 7 = 70$ | $10 \times 8 = 80$ | $10 \times 9 = 90$ | $10 \times 10 = 100$ | $10 \times 11 = 110$ | $10 \times 12 = 120$ |
| $11 \times 7 = 77$ | $11 \times 8 = 88$ | $11 \times 9 = 99$ | $11 \times 10 = 110$ | $11 \times 11 = 121$ | $11 \times 12 = 132$ |
| $12 \times 7 = 84$ | $12 \times 8 = 96$ | $12 \times 9 = 108$ | $12 \times 10 = 120$ | $12 \times 11 = 132$ | $12 \times 12 = 144$ |

Key Vocabulary:

What is 12 multiplied by 6?

What is 7 times 8?

What is 84 divided by 7?

Top tips:

The secret to success is practicing **little** and **often**. Use time wisely. Can you practise these KIRFs while walking to school or during your car journey? You don't need to practise them all at once; perhaps you could start with one particular times tables and ensure they know all of them before moving onto another time table.

Speed challenge: take two packs of playing cards and remove the kings. Turn over two cards and ask your child to multiply the numbers together (Ace=1, Jack=11, Queen=12). How many questions can they answer correctly in 2 minutes? Practise regularly and see if they can beat their high score.

Hit the Button: <https://www.topmarks.co.uk/maths-games/hit-the-button>

TTRS: <https://trockstars.com/>