

KIRF: I know the 4 times table (\times and \div)

A times table is a list of multiples of the given number. They are very important for many calculations. This half term, the children will be learning their 4 times tables including the division facts.



Questions to ask at home

What is 4 multiplied by 7? **28**

What is 12 times 4? **48**

What is 32 divided by 4? **8**

Key vocabulary

4 multiplied by 6 is equal to 24

2 times 4 and 4 times 2 are equivalent

24 shared by 6 is equal to 4

40 divided by 4 equals 10

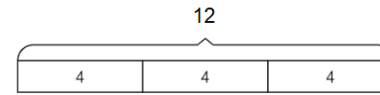
What could this look like?

Concrete:



$$4 \times 2 = 8$$

Pictorial:



$$4 \times 3 = 12$$

Abstract:

$$5 \times 4 = 20$$

$$4 \times 5 = 20$$

$$20 \div 4 = 5$$

Things to challenge

If your child becomes confident with these multiplications try them with missing number questions e.g.

$$4 \times \quad = 24 \quad \text{or} \quad \quad \div 4 = 11$$

Things to try

Chants- Practice chanting the times table.

Everyday Objects- Gather together objects and separate them into groups of 4.

Double & Double again – Multiplying by 4 is the same as doubling and doubling again. Double 6 is 12 and double 12 is 24, so $6 \times 4 = 24$.

Websites:

<https://trockstars.com/> - Ask your teacher to set your TT Rockstar account to focus on the 4's.

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

<https://www.timestables.co.uk/>

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