

KIRF- I can recall the multiplication facts for the 4 and 8 times table (x and ÷)



Year 3 - Spring 2

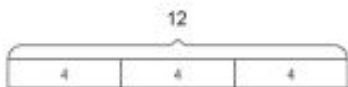
What can this look like?

Concrete:



$$4 \times 2 = 8$$

Pictorial



$$4 \times 3 = 12$$

Abstract:

$$4 \times 3 = 12$$

$$3 \times 4 = 12$$

$$12 \div 4 = 3$$

$$12 \div 3 = 4$$

CHALLENGE:

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

$$8 \times \underline{\quad} = 48$$

$$72 \div \underline{\quad} = 8$$

Start with x 4 and move onto 8. This is because 8 times table links to 4 as it is double.

Questions to ask at home

- What is 4 **multiplied** by 8?
- What is 8 **times** 6?
- What is the **product** of 4 and 6?
- What is 48 **divided** by 8?
- How many **groups** of 4 make 36?

Key vocabulary

4 multiplied by 6 is equal to 24
2 times 8 and 8 times 2 are equivalent
24 shared by 8 is equal to 3
48 divided by 4 equals 12



Things to try

- **Chants**- Practice chanting the times table.
- **Everyday Objects**- Gather together objects and separate them into groups of 4 or 8
- **Double & Double again** – Multiplying by 4 is the same as doubling and doubling . (Double, double, double for multiplying by 8)
- **Half & Half again**- Dividing by 4 is same as halving and halving. (Halving, halving and halving for dividing by 8)
- **Create your own fact triangles**- get 7 calculations for free by knowing 1
- **White Rose 1 minute maths App**-
- **Many games linked to 4 and 8 times tables.**
- **TTRS and Hit the button.**

