Key Instant Recall Facts

I know the multiplication and division facts
for the 4 times tables

4x table	÷4
1 × 4 = 4	4 ÷ 4 = 1
2 × 4 = 8	8 ÷ 4 = 2
3 × 4 = 12	12 ÷ 4 = 3
4 × 4 = 16	16 ÷ 4 = 4
5 × 4 = 20	20 ÷ 4 = 5
6 × 4 = 24	24 ÷ 4 = 6
7 × 4 = 28	28 ÷ 4 = 7
8 × 4 = 32	32 ÷ 4 = 8
9 × 4 = 36	36 ÷ 4 = 9
10 × 4 = 40	40 ÷ 4 = 10
11 × 4 = 44	44 ÷ 4 = 11
12 × 4 = 48	48 ÷ 4 = 12

6 x 4 = 24

24 ÷ 4 = 6

arrays

2 x 4 = 8	4 x 2 = 8
8 ÷ 4 = 2	8 ÷ 2 = 4

Key Vocabulary

What is 4 **multiplied by** 6?

What is 8 **times** 4?

What is 24 **divided by** 4?

Mercedes works every day of the week, apart from weekends. She works for 4 hours each day. How many hours will she work in 1 week?

5 x 4 = 20

Top tips for learning at home

When learning key recall facts it is important to do so little but often. You could practise these KIRFs while walking to school or during a car journey. You don't need to practice them all at once: perhaps you could have a fact of the day. If you would like more ideas, please speak to your child's teacher.

Children should be able to answer these questions in any order, including missing number questions e.g. 4 × ◯ = 16 or ◯ ÷ 4 = 7.

Use practical resources – You could use many household objects to count in groups of 4. Or share into 4 groups / group objects in 4s to practice dividing.

Double and double again – Multiplying a number by 4 is the same as doubling and doubling again. Double 6 is 12 and double 12 is 24, so 6 × 4 = 24. Buy one get three free – If your child knows one fact (e.g. 12 × 4 = 48), can they tell you the other three facts in the same fact family?

Play games – You can play games online at Conker Maths - Conker KIRFs Number Problems and then see how many questions you can answer in just one minute.