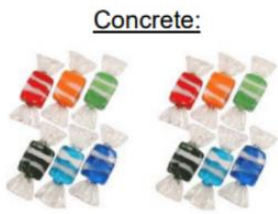## I can recall multiplication & division facts for the 6 and 12x tables.

By the end of this half term, children should know the following facts. The aim is for them to recall these facts **instantly.**
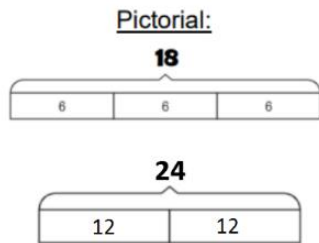
1 x 6 = 6	6 ÷ 6 = 1	1 x 12 =12	12 ÷ 12 = 1
2 x 6 = 12	12 ÷ 6 = 2	2 x 12 = 24	24 ÷ 12 = 2
3 x 6 = 18	18 ÷ 6 = 3	3 x 12 = 36	36 ÷ 12 = 3
4 x 6 = 24	24 ÷ 6 = 4	4 x 12 = 48	48 ÷ 12 = 4
5 x 6 = 30	30 ÷ 6 = 5	5 x 12 = 60	60 ÷ 12 = 5
6 x 6 = 36	36 ÷ 6 = 6	6 x 12 = 72	72 ÷ 12 = 6
7 x 6 = 42	42 ÷ 6 = 7	7 x 12 = 84	84 ÷ 12 = 7
8 x 6 = 48	48 ÷ 6 = 8	8 x 12 = 96	96 ÷ 12 = 8
9 x 6 = 54	54 ÷ 6 = 9	9 x 12 = 108	108 ÷ 12 = 9
10 x 6 = 60	60 ÷ 6 = 10	10 x 12 = 120	120 ÷ 12 = 10
11 x 6 = 66	66 ÷ 6 = 11	11 x 12 = 132	132 ÷ 12 = 11
12 x 6 = 72	72 ÷ 6 = 12	12 x 12 = 144	144 ÷ 12 = 12

They should be able to answer these questions in any order, including missing number questions e.g.

6 x ☐ = 72 or ☐ ÷ 6

What can this look like?

Concrete:

6 × 2 = 12

6 x ◯ = 24

◯ ÷12 = 3

Pictorial:

18 — 6 | 6 | 6

24 — 12 | 12

Abstract:

Six multiplied by ____ is equal to thirty

Twelve multiplied by ___ is equal to thirty six

Things to try

Songs and Chants – You can buy Times Tables CDs or find multiplication songs and chants online.

Double your threes (for 6s & 6s for 12s) – Multiplying a number by 6 is the same as multiplying by 3 then doubling the answer. 7 x 3 = 21 and double 21 is 42, so 7 x 6 = 42

Buy one get three free – If your child knows one fact (e.g. 3 x 6 = 18), can they tell you the other three facts in the same fact family?

Useful Websites:

https://ttrockstars.com/ - Ask your teacher to set your TT Rockstar account to 6 and 12x tables.

www.timestables.co.uk

http://www.timestables.me.uk/

https://www.turtlediary.com/game/6-times-table.html