

KIRF: I know ALL times table facts to 12x12 (x and ÷)

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 all of their times tables including the division facts up to 12x12.

Questions to ask at home

What is 12 **multiplied by** 6?

What is 12 **times** 8?

What is 84 **divided by** 12?

Key vocabulary

12 **multiplied by** 6 is **equal to** 72

12 **times** 4 and 4 **times** 12 are **equivalent**

120 **shared by** 12 is **equal to** 10

132 **divided by** 12 **equals** 11

What can this look like?

Concrete:



$$12 \times 2 = 24$$

$$12 \times \bigcirc = 72$$

$$\bigcirc \div 12 = 6$$

Pictorial:

72



Abstract:

Twelve multiplied by _____ is equal to sixty
_____ divided by eight is equal to twelve

Things to try

Chants- Practice chanting the times table.

Speed Challenge – Take two packs of playing cards and remove the kings. Shuffle the packs and 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? Practice regularly and see if they can beat their high score.

Websites:

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

X	0	1	2	3	4	5	6	7	8	9	10	11	12
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9	10	11	12
2	0	2	4	6	8	10	12	14	16	18	20	22	24
3	0	3	6	9	12	15	18	21	24	27	30	33	36
4	0	4	8	12	16	20	24	28	32	36	40	44	48
5	0	5	10	15	20	25	30	35	40	45	50	55	60
6	0	6	12	18	24	30	36	42	48	54	60	66	72
7	0	7	14	21	28	35	42	49	56	63	70	77	84
8	0	8	16	24	32	40	48	56	64	72	80	88	96
9	0	9	18	27	36	45	54	63	72	81	90	99	108
10	0	10	20	30	40	50	60	70	80	90	100	110	120
11	0	11	22	33	44	55	66	77	88	99	110	121	132
12	0	12	24	36	48	60	72	84	96	108	120	132	144