



Key Instant Recall Facts

Year 3 - Spring 1

Multiplication and division facts for 3x tables.

By the end of this half term, children should know the following facts with **speed and accuracy**:

Children should be able to recall the multiplication and division facts of the 3 times tables up to 12×3 .

Here are some examples:

Multiplication Grid:

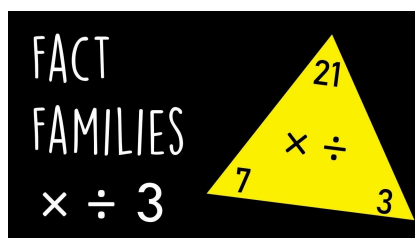
X	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100

Hundred Square:

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Key Vocabulary:

- repeated addition
- groups of
- equal groups
- arrays
- multiples of
- divide
- commutative
- fact family
- inverse



$$7 \times 3 = 21$$

$$3 \times 7 = 21$$

$$21 \div 7 = 3$$

$$21 \div 3 = 7$$

More tips:

- array building
- times tables songs
- chanting
- games

How you can help at home:

The secret to success is practising little and often. Use time wisely. Can you practise this KIRF whilst walking to school or during a car journey? You do not need to practise all aspects of the KIRF all at once; perhaps you could have a fact of the day, or a few facts per week to practise?

- **Other useful resources:**

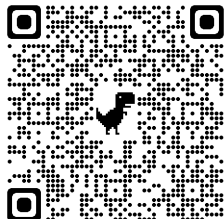
- <https://trockstars.com/>

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

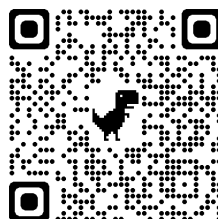
Some online games and songs:



https://www.youtube.com/results?search_query=3+times+table+song



<https://mathsframe.co.uk/>



<https://www.topmarks.co.uk/maths-games/7-11-years/times-tables>