



Year 6, Term 1

Target: derive multiplication and division facts using multiples of 10 and decimal numbers

By the end of this half term, children should know and be able to recall the following facts instantly:

Key vocabulary

Factors: The numbers that are multiplied to give a product

Example:

Factors Product

↓ ↓

$$3 \times 4 = 12$$

Key questions

What are the factors of?

What are the multiples of?

What is the product of and
?

Examples

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

Children should also know the corresponding division facts, e.g.

$$144 \div 12 = 12$$

$$72 \div 9 = 8$$

and derived facts (multiples of 10 and decimals), e.g.

$$50 \times 9 = 450$$

$$24 \div 0.6 = 40$$

Useful websites

<https://trockstars.com>

[Super Movers: Times Tables Collection \(bbc.co.uk\)](http://SuperMovers.com)

mathsframe.co.uk/en/resources/category/7/multiplication-and-division

[Times Tables Games for 7 to 11 year olds \(topmarks.co.uk\)](http://TimesTablesGames.com)