



# Multiplication and Division

## MATHS KNOWLEDGE ORGANISER

### ESSENTIAL VOCABULARY

Multiply	increase or cause to increase greatly in number or quantity.
Product	Result of multiplying numbers together.
Divide	split into parts; separated.
Share	splitting into equal parts or groups.
Remainder	the value left after the division
Factor	a number that divides the given number evenly or exactly, leaving no remainder
Multiple	the product result of one number multiplied by another number

### LINKS TO PREVIOUS LEARNING

recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables  
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### Any Visual Representations

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