

Multiply

Multiplication

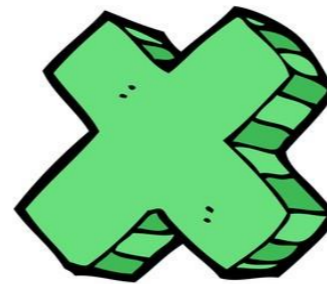
Repeated Addition

Lots of

M	HTH	TTH	TH	H	T	U	.	+	h
Millions	Hundred thousands	Ten thousands	Thousands	Hundreds	Tens	Units	.	Tenths	Hundredths

Groups of

Equal Groups



Partition Method

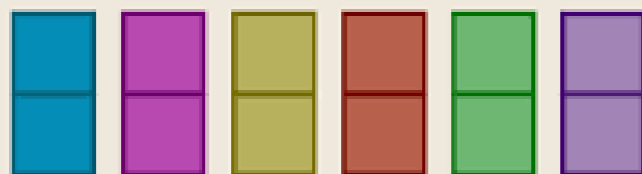
Equal Groups

$$\begin{array}{c} \underline{3} \\ \text{\# of groups} \end{array} \times \begin{array}{c} \underline{5} \\ \text{\# in each} \end{array} = \begin{array}{c} \underline{15} \\ \text{total} \end{array}$$



$$6 \times 2 =$$

$$2 + 2 + 2 + 2 + 2 + 2$$



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

$$\begin{array}{r} 26 \times 6 \\ 20 \times 6 = 120 \\ 6 \times 6 = 36 \\ \hline 156 \end{array}$$

$$6 + 6 + 6 = 18$$

$$3 \times 6 = 18$$

