

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

$50 \times 6 =$

$60 \times 7 =$

$30 \times 8 =$

$80 \times 8 =$

$200 \times 7 =$

$300 \times 6 =$

$20 \times 7 =$

2 x 10

$__ \times __ \times 7$

$__ \times __ \times 10$

$30 \times 4 =$

3 x 10

$__ \times __ \times 4$

$__ \times __ \times 10$

$45 \div 5 = 9$

$\text{so } 450 \div 5 =$

$54 \div 9 = 6$

$\text{so } 540 \div 9 =$

$27 \div 9 =$

$\text{so } 2700 \div 9 =$

Multiplication is COMMUTATIVE

This means numbers can be multiplied in any order.

$\text{So } 3 \times 10 \times 5 = 3 \times 5 \times 10$

We can rearrange the order in which we multiply to make combinations that are easier to multiply.

$22 \times 5 = 110$

so

$110 \div 5 =$

$23 \times 15 = 345$

so

$345 \div 15 =$

$14 \times 7 =$

$(__ \times 7) + (__ \times 7)$

$__ + __$

Build Ups

$15 \times 8 = 90$

$16 \times 8 =$

$17 \times 8 =$

Build Downs

$20 \times 15 = 300$

$19 \times 15 =$

$18 \times 15 =$

$100 \times 45 =$

$99 \times 45 =$

$25 \times 6 =$

$(__ \times __) + (__ \times __)$

$__ + __$

$14 \times 25 =$

$(__ \times __) + (__ \times __)$

$__ + __$