

Skip Counting by 2, 5, and 10

$0 \times 2 = 0$

$1 \times 2 = 2$

$2 \times 2 = 4$

$3 \times 2 = 6$

$4 \times 2 = 8$

$5 \times 2 = 10$

$6 \times 2 = 12$

$7 \times 2 = 14$

$8 \times 2 = 16$

$9 \times 2 = 18$

$10 \times 2 = 20$

$0 \times 5 = 0$

$1 \times 5 = 5$

$2 \times 5 = 10$

$3 \times 5 = 15$

$4 \times 5 = 20$

$5 \times 5 = 25$

$6 \times 5 = 30$

$7 \times 5 = 35$

$8 \times 5 = 40$

$9 \times 5 = 45$

$10 \times 5 = 50$

$0 \times 10 = 0$

$1 \times 10 = 10$

$2 \times 10 = 20$

$3 \times 10 = 30$

$4 \times 10 = 40$

$5 \times 10 = 50$

$6 \times 10 = 60$

$7 \times 10 = 70$

$8 \times 10 = 80$

$9 \times 10 = 90$

$10 \times 10 = 100$



NUMBEROCK Skip Counting Songs



“Multiplication Pathways” game for practice



SD33 Numeracy

Multiplying by 0 and 1

Remember:

ZERO = NOTHING!

Here is a picture
of 7 groups of
nothing:



And here is a
picture of no
groups of 7:



$$0 \times 0 = 0$$

$$1 \times 0 = 0$$

$$2 \times 0 = 0$$

$$3 \times 0 = 0$$

$$4 \times 0 = 0$$

$$5 \times 0 = 0$$

$$6 \times 0 = 0$$

$$7 \times 0 = 0$$

$$8 \times 0 = 0$$

$$9 \times 0 = 0$$

$$10 \times 0 = 0$$

$$0 \times 1 = 0$$

$$1 \times 1 = 1$$

$$2 \times 1 = 2$$

$$3 \times 1 = 3$$

$$4 \times 1 = 4$$

$$5 \times 1 = 5$$

$$6 \times 1 = 6$$

$$7 \times 1 = 7$$

$$8 \times 1 = 8$$

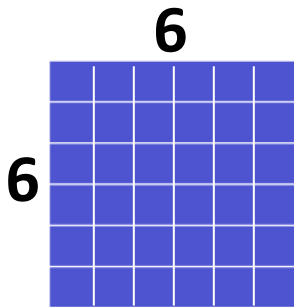
$$9 \times 1 = 9$$

$$10 \times 1 = 10$$



Know your Squares!

Example:



$$6 \times 6 = 36$$

Fun Fact:

Square numbers are pretty easy to learn. Even the experts aren't sure why!

$$1^2 = 1 \times 1 = 1$$

$$2^2 = 2 \times 2 = 4$$

$$3^2 = 3 \times 3 = 9$$

$$4^2 = 4 \times 4 = 16$$

$$5^2 = 5 \times 5 = 25$$

$$6^2 = 6 \times 6 = 36$$

$$7^2 = 7 \times 7 = 49$$

$$8^2 = 8 \times 8 = 64$$

$$9^2 = 9 \times 9 = 81$$

$$10^2 = 10 \times 10 = 100$$



"Squares Bingo" game for practice



SD33 Numeracy

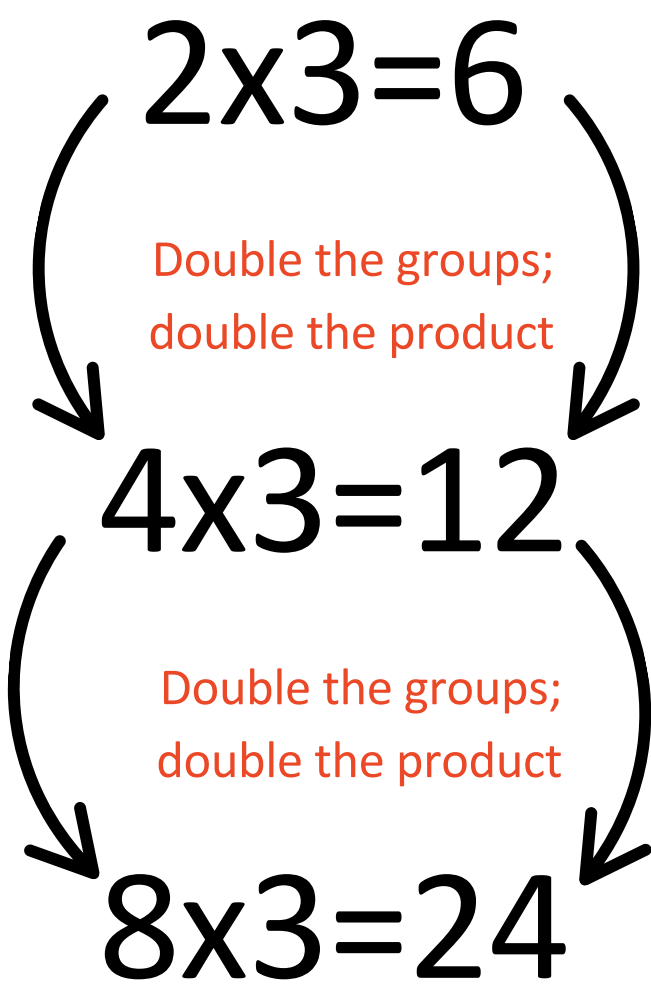
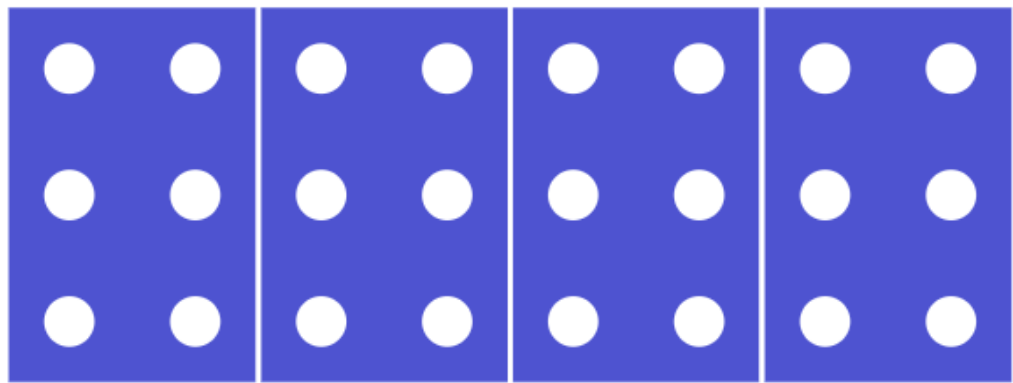
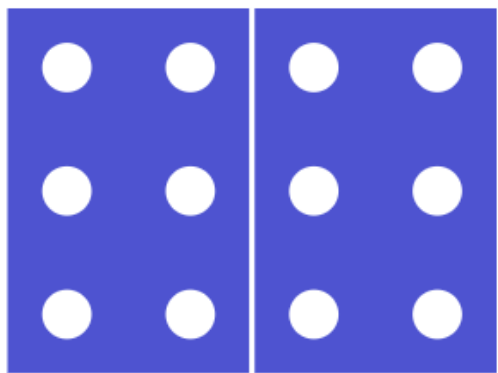
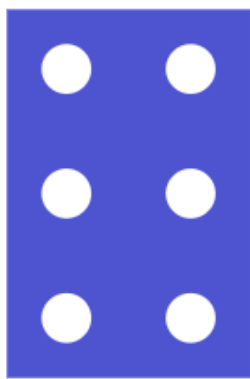
When you know your Foundational
Multiplication Strategies, you already
know these multiplication facts!

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

You can use what you already know to help
you learn the rest!



Doubling



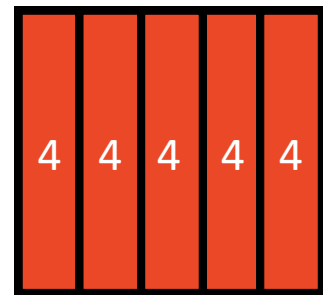
X	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
4	4	8	12	16	20	24	28	32	36	40
8	8	16	24	32	40	48	54	64	72	80



Adding or Subtracting a Group

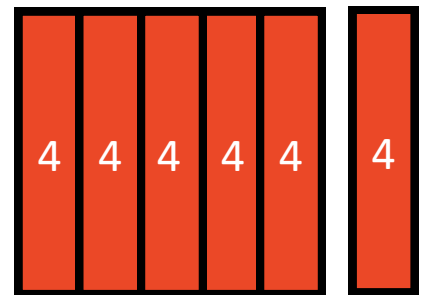
If...

$$5 \times 4 = 20$$



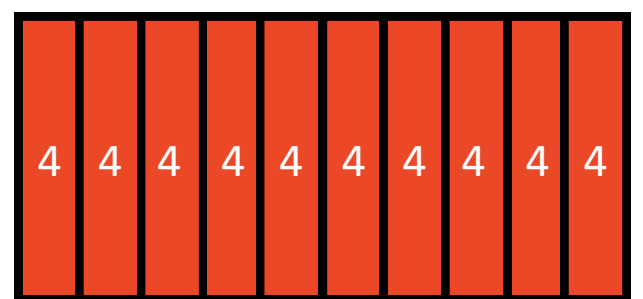
Then

$$6 \times 4 = 20 + 4 = 24$$



If...

$$10 \times 4 = 40$$



Then

$$9 \times 4 = 40 - 4 = 36$$

