

1. [+ Whole Numbers to 10]

Skill 1.1 Adding whole numbers from 1 to 10.

MM7 11 22 33 44
MM8 11 22 33 44

Q.

	5	7	9	1	8	6	3	10	2	4
+ 8										

In this table, add 8 to each of the numbers in the top row. Write the results in the empty spaces under each number.

A.

	5	7	9	1	8	6	3	10	2	4
+ 8	13	15	17	9	16	14	11	18	10	12

Regroup into easier numbers

$$\begin{aligned} & 5 + 8 \\ & = 5 + 5 + 3 \\ & = 10 + 3 \\ & = 13 \end{aligned}$$

By changing 8 into 5 plus 3, there are two 5's which more easily add to 10.

Count on

Start with the largest number and count on the smaller amount.

$$\begin{aligned} & 8 + 5 \\ \Rightarrow & 9, 10, 11, 12, 13 \end{aligned}$$

Use an addition table

+	1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10	11
2	3	4	5	6	7	8	9	10	11	12
3	4	5	6	7	8	9	10	11	12	13
4	5	6	7	8	9	10	11	12	13	14
5	6	7	8	9	10	11	12	13	14	15
6	7	8	9	10	11	12	13	14	15	16
7	8	9	10	11	12	13	14	15	16	17
8	9	10	11	12	13	14	15	16	17	18
9	10	11	12	13	14	15	16	17	18	19
10	11	12	13	14	15	16	17	18	19	20

To add 5 and 8 move down from 5 until you reach the row starting with 8. The sum of 5 and 8 is 13.
 $5 + 8 = 8 + 5 = 13$
 Since $5 + 8 = 8 + 5 = 13$, addition tables are symmetrical.

a)

	9	3	4	5	1	10	8	2	6	7
+ 4	13									

b)

	4	2	3	9	6	8	10	5	7	1
+ 10										

c)

	3	16	24	12	18	9	15	11	20	7
+ 9										

d)

	12	29	33	7	10	38	14	46	21	35
+ 6										

e)

	8	15	20	6	19	17	25	42	34	23
+ 7										

Q.

	-8	-4	4	2	-7	5	-3	1	-9	6
+ 6										

In this table, add 6 to each of the numbers in the top row. Write the results in the empty spaces under each number.

A.

	-8	-4	4	2	-7	5	-3	1	-9	6
+ 6	-2	2	10	8	-1	11	3	7	-3	12

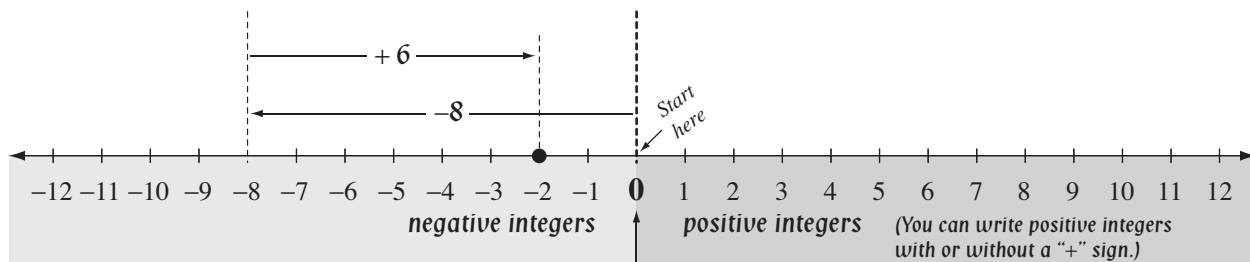
Use a number line

$-8 + 6$ is read as: negative 8 plus 6.

Starting at 0 go 8 units to the left (negative direction).

From this point, move 6 units to the right (positive direction).

You stop at negative 2.



a)

	-6	-5	2	8	-3	-4	1	-7	-9	10
+ 4	10	14								

b)

	-7	-6	2	-8	10	1	-5	4	-3	9
+ 7	13									

c)

	-5	7	-10	9	1	8	-3	-4	-2	6
+ 8										

d)

	-9	11	-4	-12	7	5	-10	8	3	-6
+ 3										

e)

	-2	-19	13	7	10	-11	4	-16	8	-5
+ 9										