

# 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

EITHER

**Regroup into easier numbers**

- Break a number up so that you can work with groups of 10

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

OR

**Count on**

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

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

OR

**Use an addition table**

- Move down the column and across the row to find the intersection.

+	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

$$\text{Example: } 8 + 5 = 5 + 8 = 13$$

Hint: Addition tables are symmetrical.

Q.

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

Add 8 to each of the numbers in the top row.

A.

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

a)

	5	7	10	9	16	8	3	4	12	11
+ 10	15	17	20							

b)

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

c)

	23	16	12	18	9	11	20	7	15	24
+ 6										

d)

	32	8	35	7	19	13	11	44	16	10
+ 5										

e)

	14	45	20	86	19	47	15	32	8	23
+ 7										

## Skill 1.2 Adding whole numbers from 1 to 10 to negative numbers.

MM7 11 22 33 44  
MM8 11 22 33 44

- Use a number line.

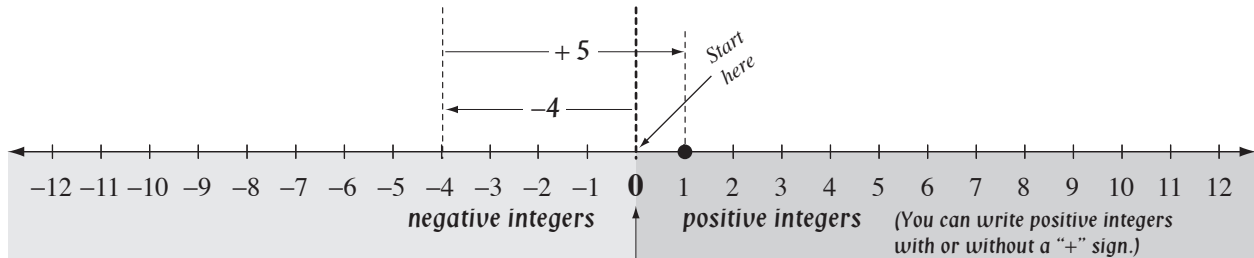
**Example:**  $-4 + 5$  is read as: *negative 4 plus 5*

Start at 0

Move 4 units to the left (negative direction).

Move 5 units to the right (positive direction).

You stop at 1



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

Add 5 to each of the numbers on the top row.

A.		-4	-6	12	-10	9	-3	5	-11	-7	8
	+ 5	1	-1	17	-5	14	2	10	-6	-2	13

a)		3	-9	11	-6	7	12	-4	15	8	-10
	+ 2	5									

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

c)		11	-2	5	-8	10	-14	7	-19	3	-26
	+ 8										

d)		9	-13	27	-1	46	38	-15	24	12	-30
	+ 6										

e)		35	-8	34	19	-42	26	-13	-20	7	-11
	+ 9										

f)		12	-44	-18	23	86	9	-11	-5	10	-27
	+ 7										