

-	-4	-3	-2	-1	0	1	2	3	4	5
-4	0	-1	-2	-3	-4	-5	-6	-7	-8	-9
-3	1	0	-1	-2	-3	-4	-5	-6	-7	-8
-2	2	1	0	-1	-2	-3	-4	-5	-6	-7
-1	3	2	1	0	-1	-2	-3	-4	-5	-6
0	4	3	2	1	0	-1	-2	-3	-4	-5
1	5	4	3	2	1	0	-1	-2	-3	-4
2	6	5	4	3	2	1	0	-1	-2	-3
3	7	6	5	4	3	2	1	0	-1	-2
4	8	7	6	5	4	3	2	1	0	-1
5	9	8	7	6	5	4	3	2	1	0

What observations can you make?

$$-1 - 4 = -5$$

$$-3 - 4 = -7$$

subtracting = add a neg.

$$-1 + 4$$

minus a neg. = plus a pos.

$$-3 + (+4) = 1$$

$$4 + (+2) = 6$$

I can still use the number line.

1 Find  $9 - 12 = -3$

$$9 - 12 = -3$$

2 Find  $-6 - 8$

do u see 2 negative's?

$$-14$$

3)  $5 - 9 = -4$

4)  $-4 - 7 = -11$

Why? What does subtracting also mean?

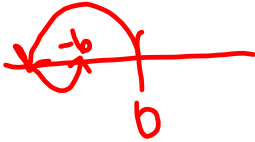
+ a neg.

## Subtracting a Negative Song

5)  $5 + (+8) = 13$

6)  $7 + (+2) = 9$

7)  $-8 + (+2) = -6$

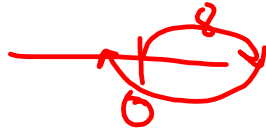


8)  $-4 + (+3) = -1$



You Try: Adding the opposite

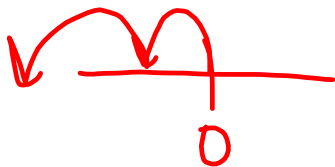
1)  $8 + (-13) = 8 + -13 = -5$



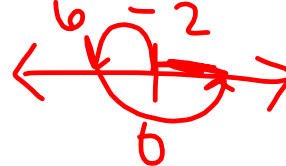
3)  $7 + (+3) = 7 + 3$

10

2)  $-4 + (-10) = -14$



4)  $-2 + (+6) = 4$



# Homework

pg 130; 12-31, 56-59

extra credit: 52, 54