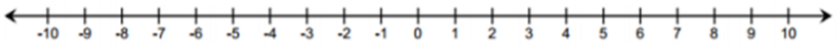
2.1 Adding Integers

NOTES

MATH 7

Write your questions here!

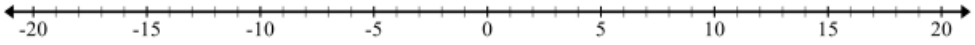
Integers –



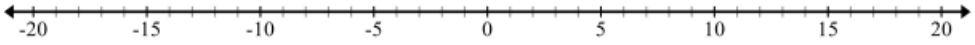
getting smaller

getting larger

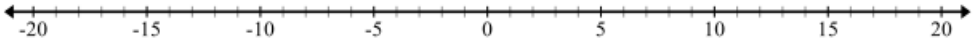
$7 + (-5)$

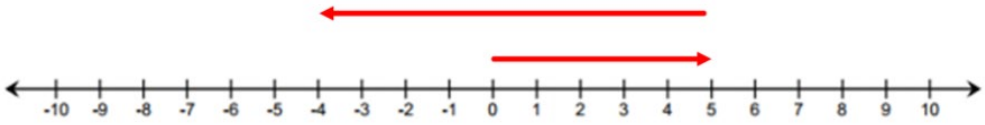


$-8 + 6$



$-3 + (-5)$





Double Signs are the worst!

$4 - (-6)$

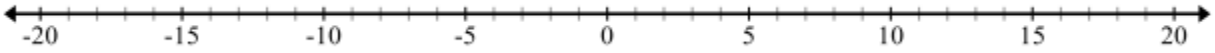
$-9 - (-3)$

SUMMARY:

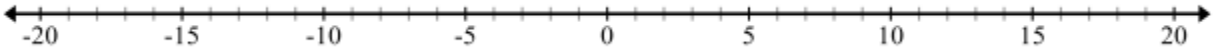
Now, summarize your notes here!

Model the following on the number line. Circle your solution.

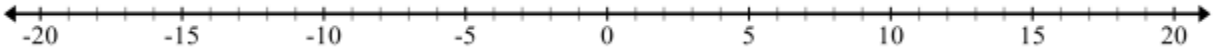
1. $-12 + 7$



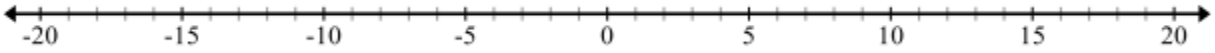
2. $6 + (-8)$



3. $-6 + (-8)$

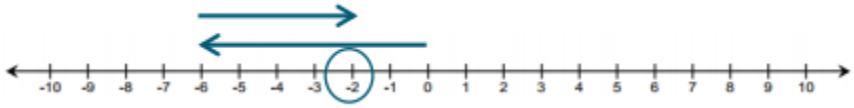


4. $10 + (-12) + 3$



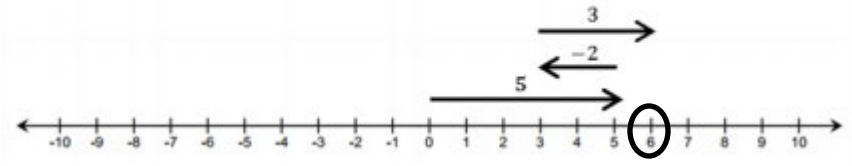
Write an equation to represent the following.

5.



6.

7.



8. Rewrite the following expressions so that there is only one operation. Then perform that operation.

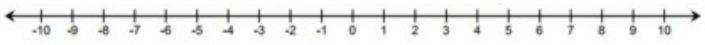
a. $12 - (-5)$	b. $7 - (-3)$	c. $-6 - (-1)$
d. $-3 - (-6)$	e. $16 - (-3)$	f. $-9 - (-2)$

9. Perform the indicated operation.

a. $12 + 3$	b. $17 + (-3)$	c. $-16 - (-3)$
d. $-3 + 5$	e. $11 + (-4)$	f. $-4 + 6$
g. $-9 + (-9)$	h. $0 + (-5)$	i. $-8 + 2 - (-3)$
j. $-8 - (-7)$	k. $-10 + 5$	l. $9 + 2 - (-5)$
m. $15 - (-8)$	n. $-21 + 15$	o. $-9 + 22$

1. Model on the number line. Circle your answer.

$$6 + (-2)$$



2. Perform the indicated operation.

$$-8 - (-3)$$

3. Decide whether the following expressions are equal. Support your answer!

A) $-4 + 12 = 12 - (-4)$

B) $3 + 10 = 10 + 3$

C) $5 - (-2) = -2 + 5$

4. Fill in the question mark with an integer to make following expressions equal. Support your answer!

A) $-7 + 9 = 6 + (?)$

B) $3 - (-9) = ? + (-3)$

C) $5 - (-?) = 12 + 5$

EXIT TICKET –

Which expressions are equivalent to $6 + (-10) + 3$?

Select **ALL** correct answers!

- ○ $3 + (-4)$
- ○ $4 + (-3)$
- ○ $3 - (-4)$
- ○ $-4 + 3$
- ○ $-3 + (-4)$
- ○ $-4 - (-3)$