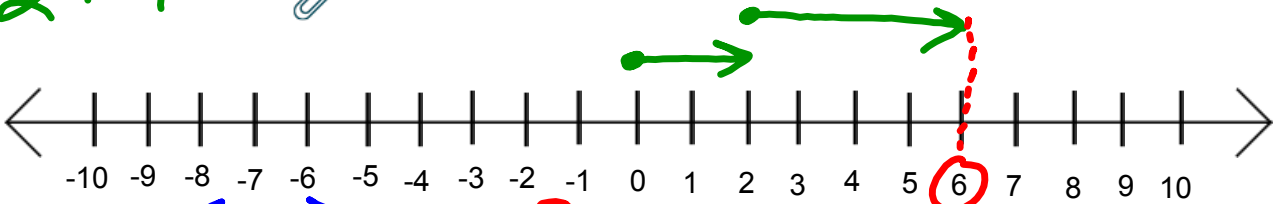


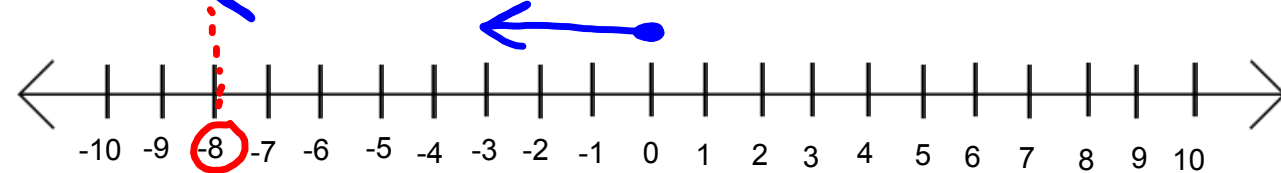
HW: 1-3 MathXL for School Additional Practice
(on Google Classroom)

$2 + 4$

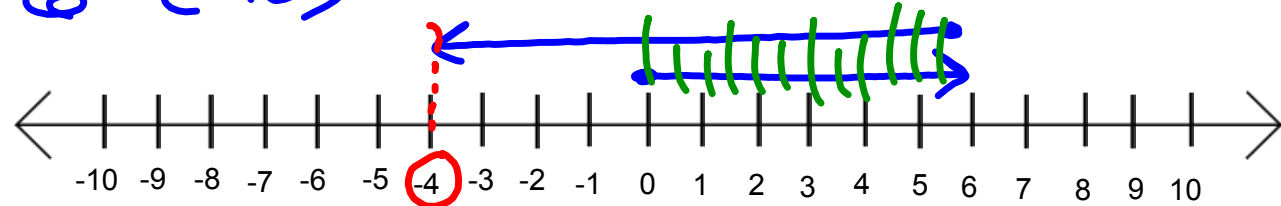
~~Add, subtract, Abs value~~

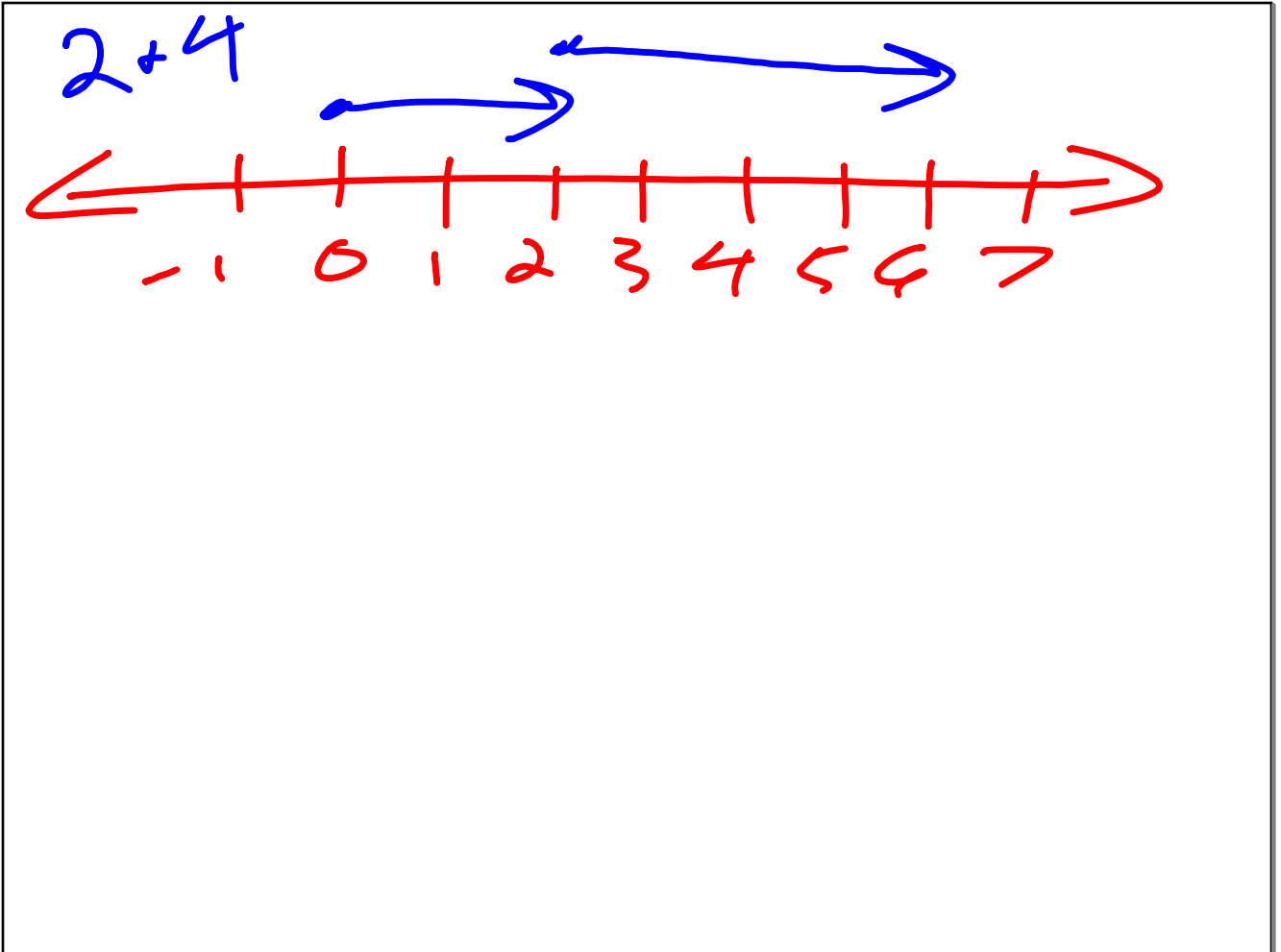


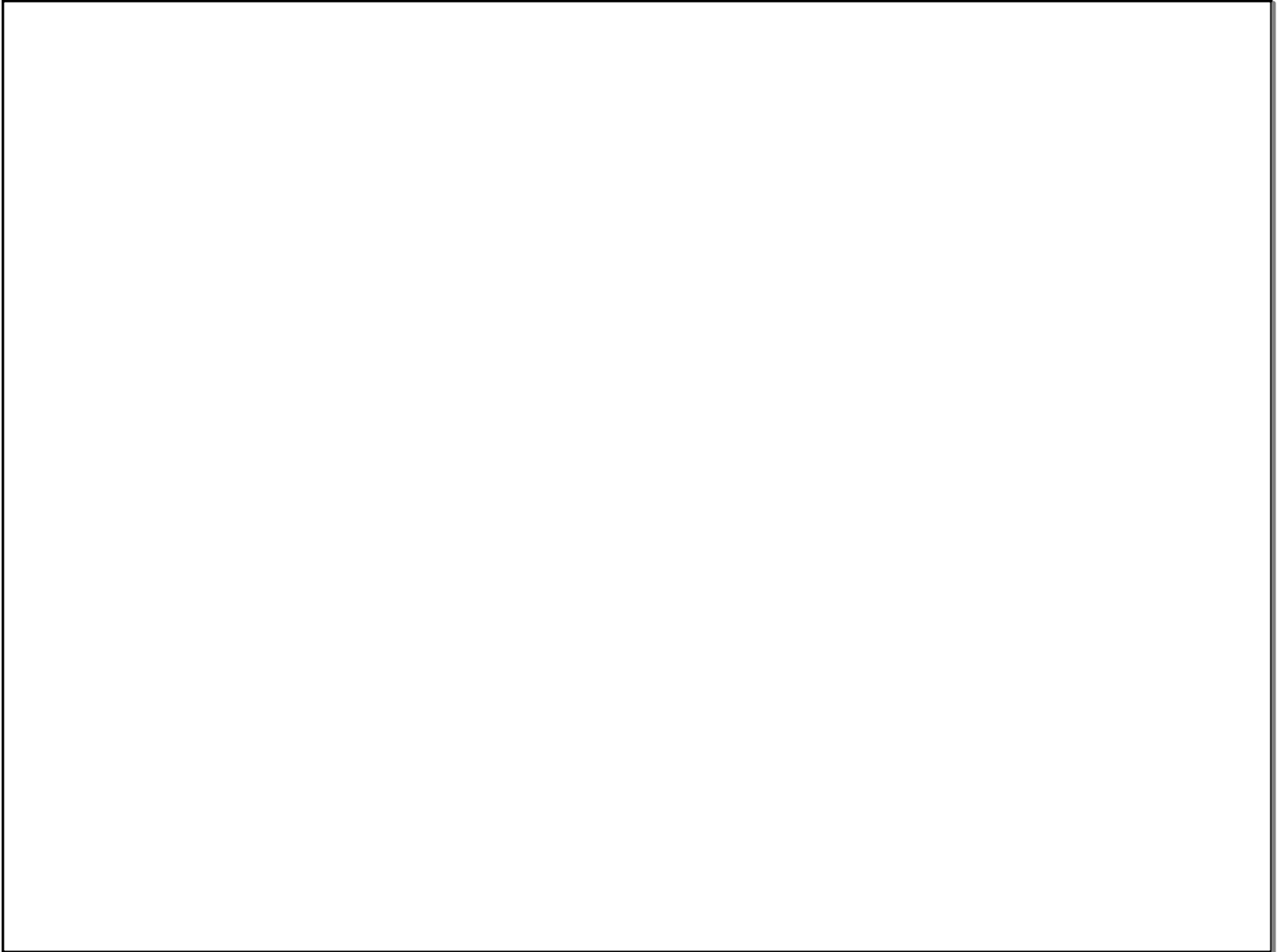
$-3 + (-5) = -8$



$6 + (-10)$







Addition

When adding two positives...just add.

$$5 + 3 = 8$$

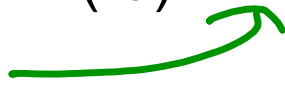
When adding two negatives...add the absolute values and make the sum negative.

$$|-2| = 2$$

$$|-5| = 5$$

$$-2 + (-5) = -7$$

$$2 + 5 = 7$$



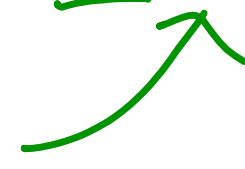
When adding two numbers of different signs...subtract the absolute values and take the sign of the number with the larger absolute value.

$$|-5| = 5$$

$$|14| = 14$$

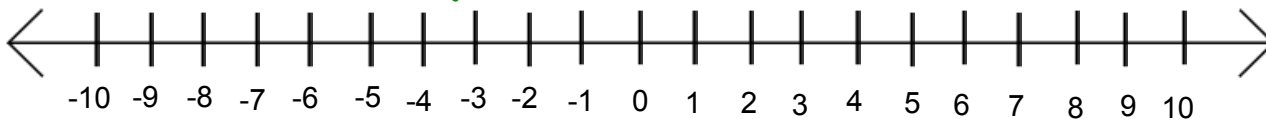
$$-5 + 14 = 9$$

$$14 - 5 = 9$$



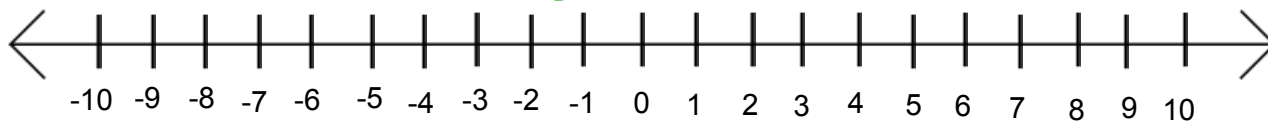
$$-4 + (-3)$$

-7



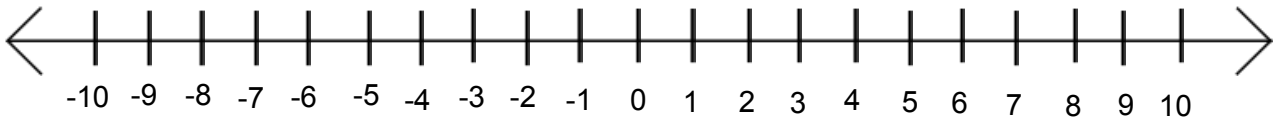
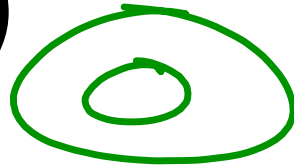
$$-2 + (-1)$$

-3



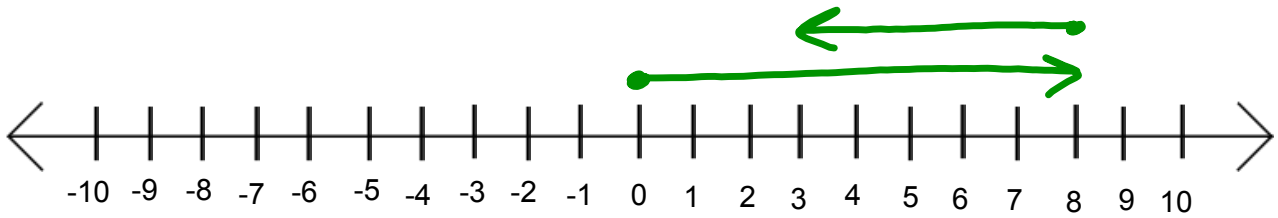
$$6 + (-6)$$

additive
inverses



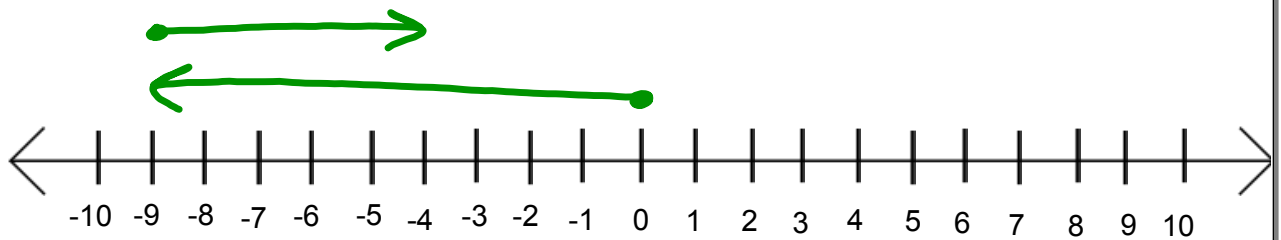
$$8 + (-5)$$

3



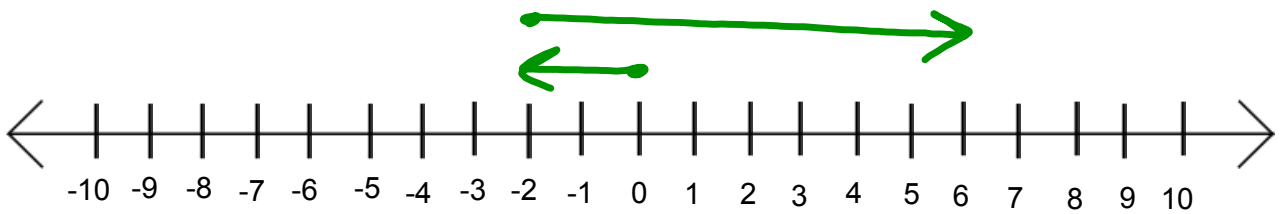
$$-9 + 5$$

-4



$$-2 + 8$$

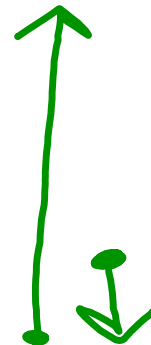
6



What about a vertical number line?

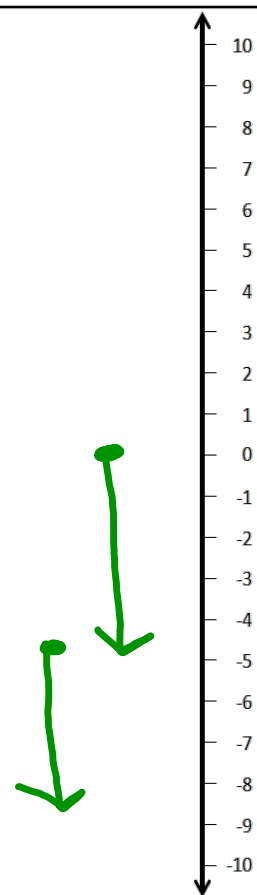
$$-2 + 8$$

6



$$-5 + (-4)$$

-9



Represent using a horizontal number line and solve. 1) $-1 + 8$ 3) $-6 + (-2)$

2) $4 + -12$ 4) $-3 + (-1)$

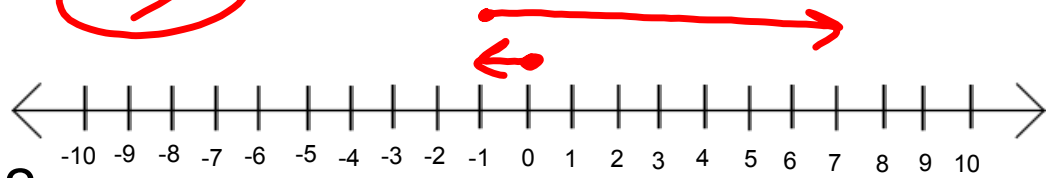
Represent using a vertical number line and solve. 1) $-7 + 5$ 3) $-1 + (-4)$

2) $-3 + 6$ 4) $-5 + (-3)$

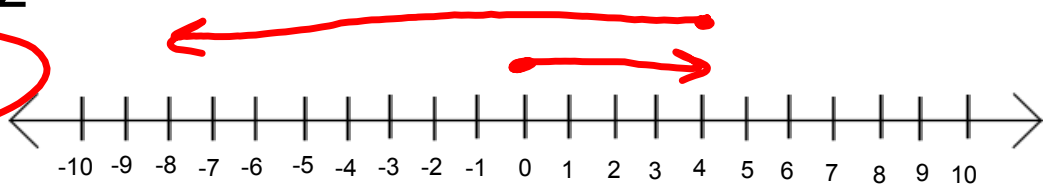
A company earned \$5 million last year but lost \$9 million this year. What was the net gain or loss over the last 2 years?

A fish was swimming 26 feet below the surface of the water and then dove down 5 feet further. Where is the fish now?

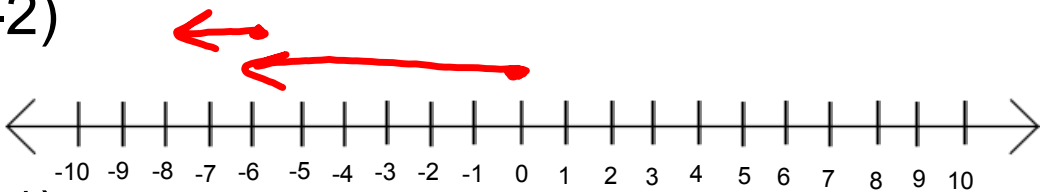
1) $-1 + 8$

 \rightarrow 

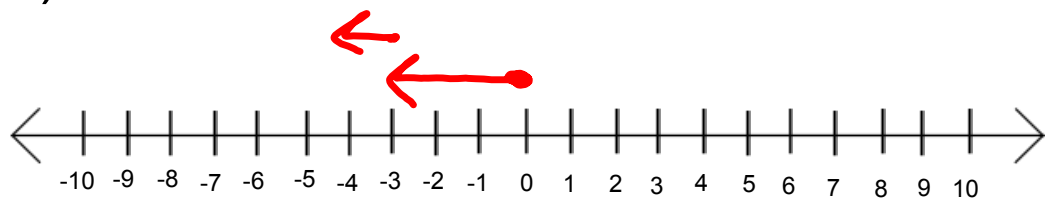
2) $4 + -12$

 -8 

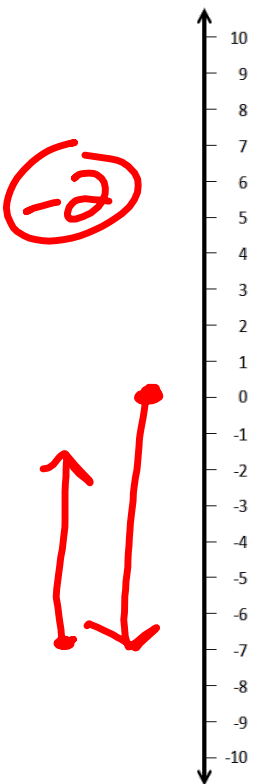
3) $-6 + (-2)$

 -8 

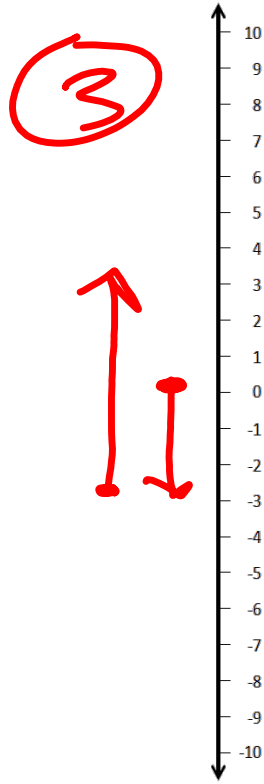
4) $-3 + (-1)$

 -4 

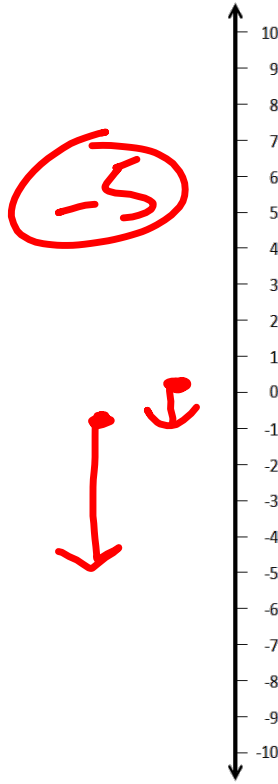
1) $-7 + 5$



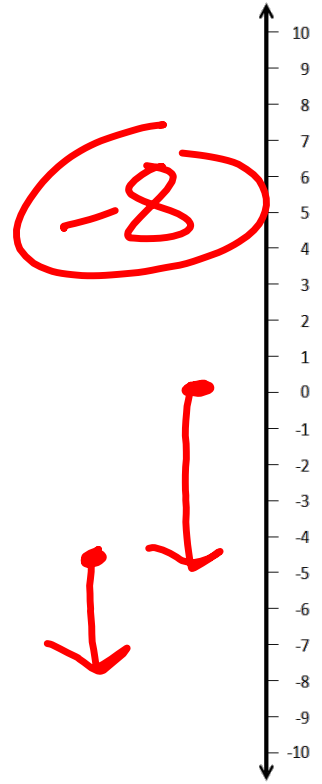
2) $-3 + 6$



3) $-1 + (-4)$



4) $-5 + (-3)$



A company earned \$5 million last year but lost \$9 million this year. What was the net gain or loss over the last 2 years?

$$5 + (-9)$$
$$-4$$

\$4 million loss
-\$4 million

A fish was swimming 26 feet below the surface of the water and then dove down 5 feet further. Where is the fish now?

$$-26 + (-5)$$

$$-31 \text{ ft}$$

31 ft below the surface

September 12, 2021

