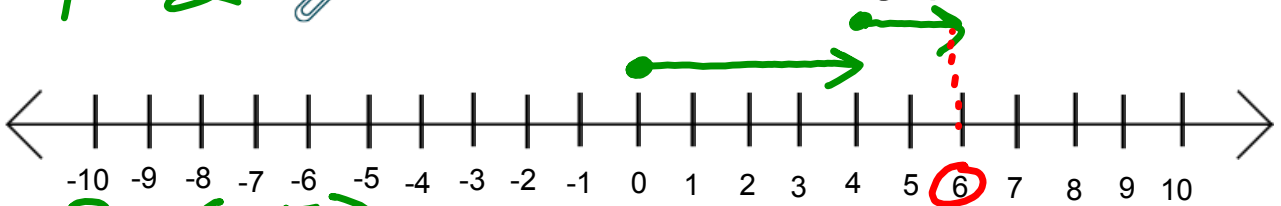


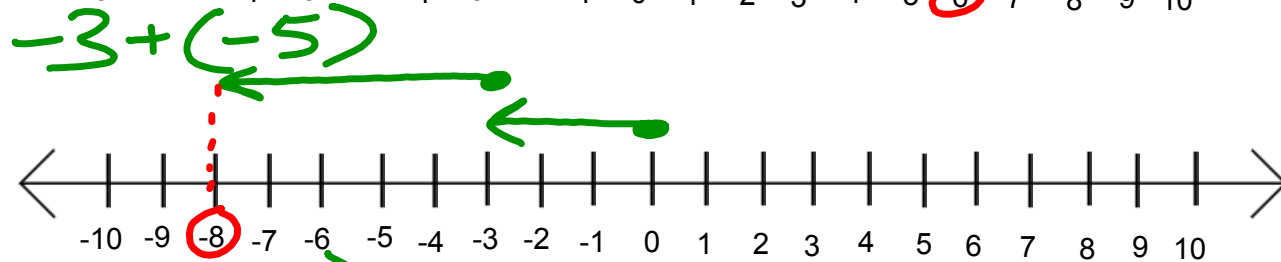
HW: 1-3 MathXL for School Additional Practice
(on Google Classroom)

$4 + 2$

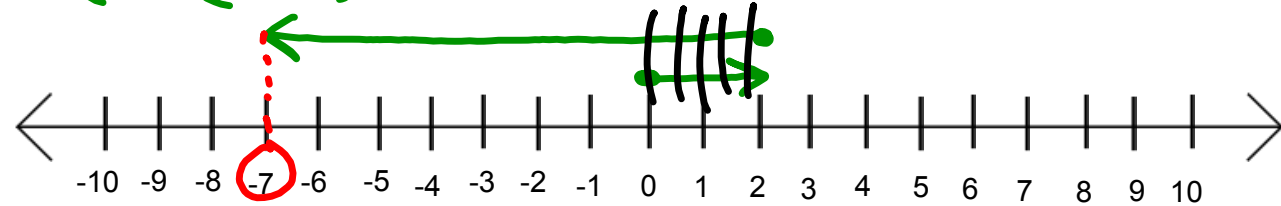
Add, Subtract, Abs Val.gsp



$-3 + (-5)$



$2 + (-9)$



Addition

When adding two positives...just add.

$$5 + 3 = 8$$

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

$$\begin{array}{l} |-2| = 2 \\ |-5| = 5 \end{array} \quad 2 + 5 = 7 \quad -2 + (-5) = -7$$

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

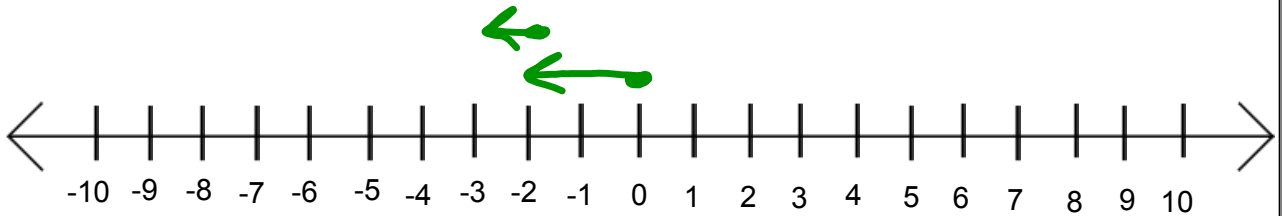
$$\begin{array}{l} |-5| = 5 \\ |14| = 14 \end{array} \quad -5 + 14 = 9$$

$$14 - 5 = 9$$

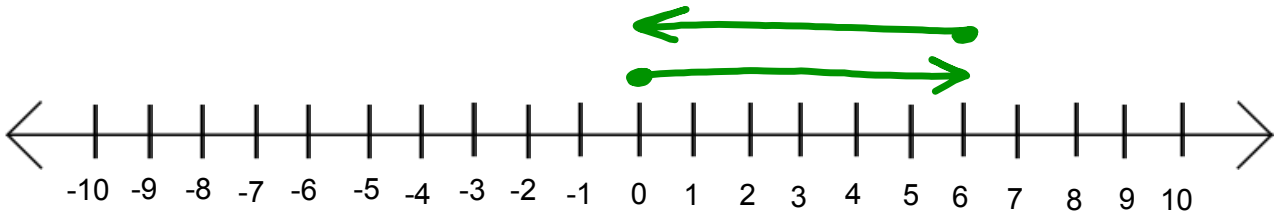
$$-4 + (-3) = -7$$



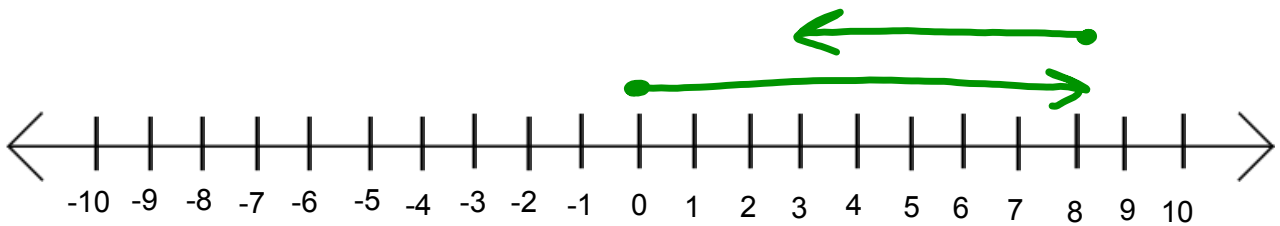
$$-2 + (-1) = -3$$



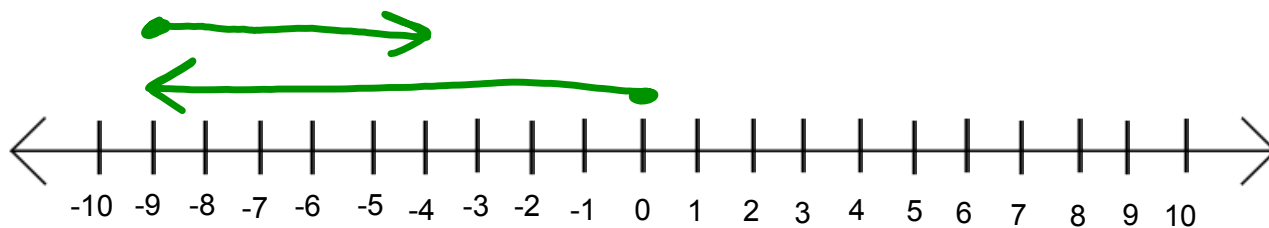
$$6 + (-6) = 0$$



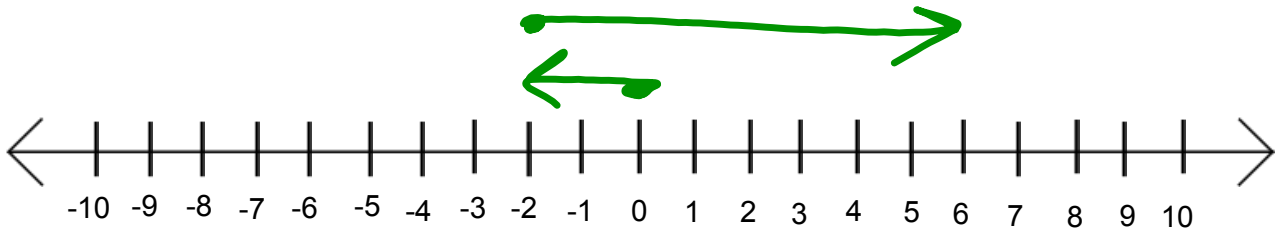
$$8 + (-5) = 3$$



$$-9 + 5 = -4$$



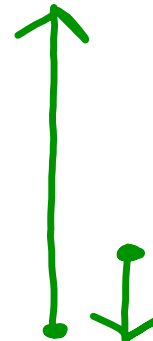
$$-2 + 8 = 6$$



What about a vertical number line?

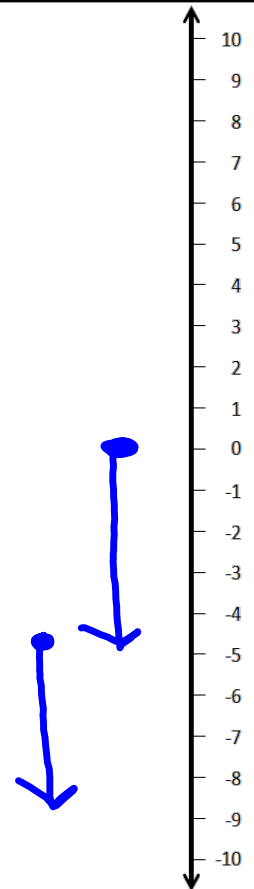
$$-2 + 8$$

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) $-1 + (-4)$

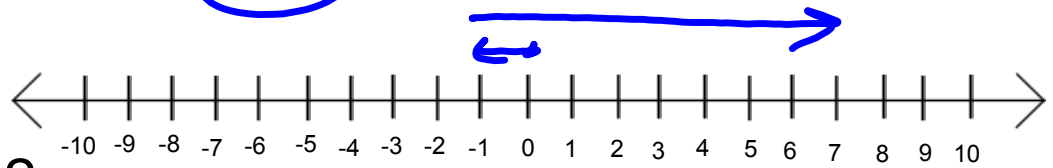
2) $-3 + 6$ 4) $-5 + (-3)$

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?

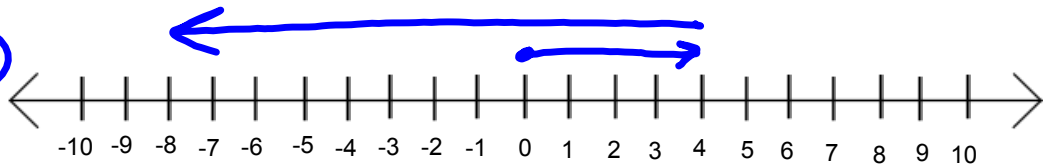
1) $-1 + 8$

7



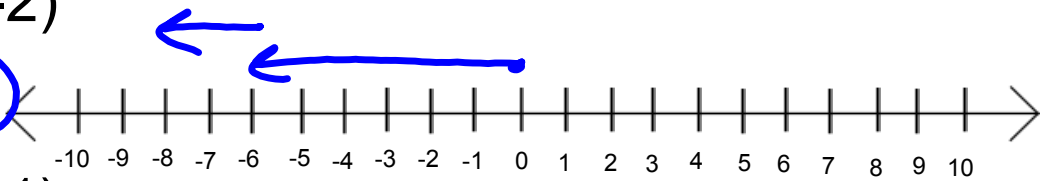
2) $4 + -12$

-8



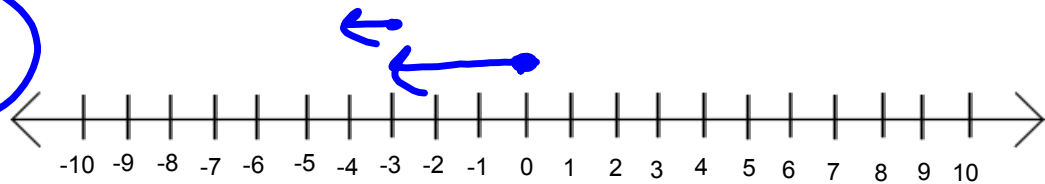
3) $-6 + (-2)$

-8

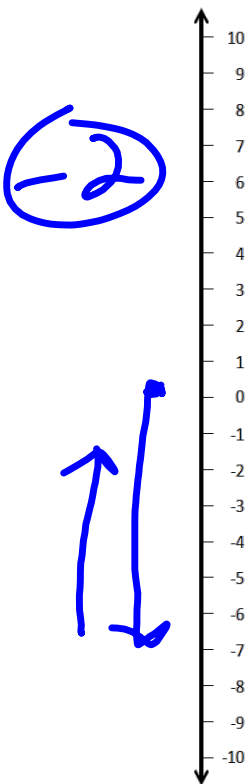


4) $-3 + (-1)$

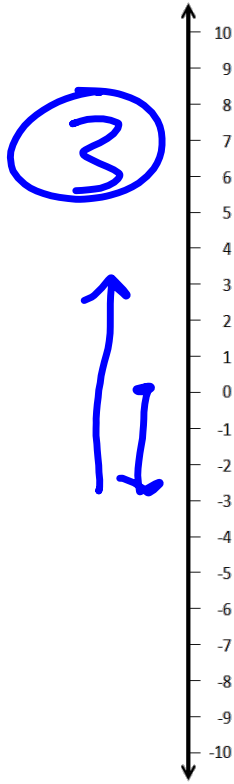
-4



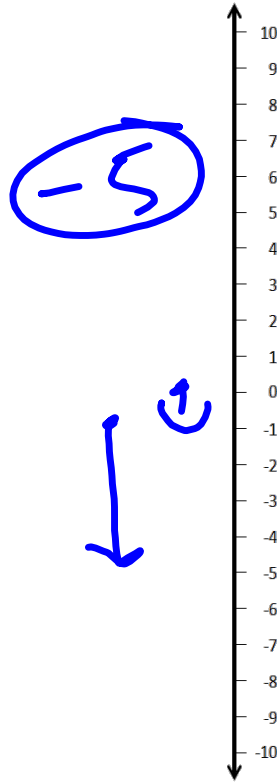
1) $-7 + 5$



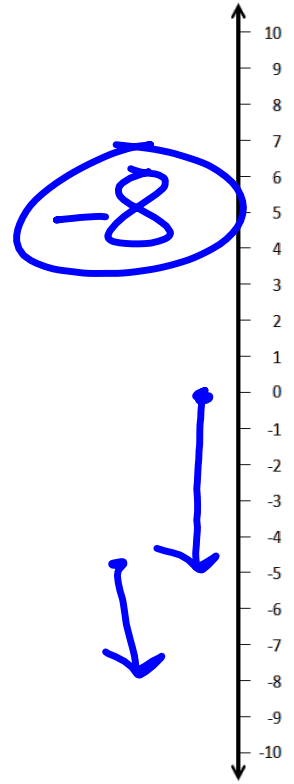
2) $-3 + 6$



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 million

lost \$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?

$$\begin{aligned} & -26 + (-5) \\ & \quad -31 \\ & -31 \text{ ft} \\ & \text{31 ft below} \end{aligned}$$

