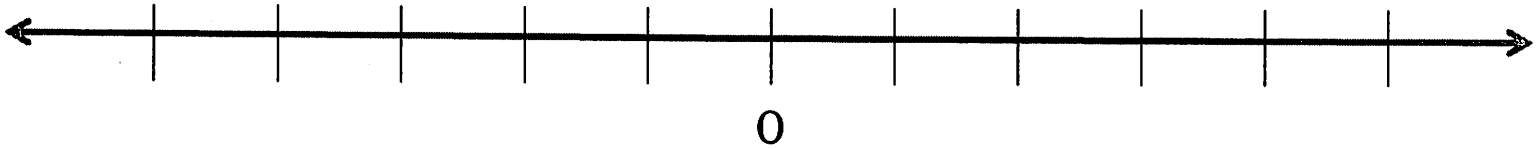


1. Plot the following on the number line.

$$-|5|, |-4|, -|-1|, |3|$$



2. Put the following in order from Least to Greatest

$$-|5|, |-4|, 1, |3|, 9, -14, -|-1|, |7|$$

3. Put the following in order from Greatest to Least

$$-25, -|-24|, 18, |23|, -|18|, -14, -|23|, 21$$

4. The balance of Bryce's account is \$16. Jada's account is \$5 overdrawn. What is the difference between their account balances?

5. A seagull is flying 25 feet above sea level. Nevaeh is diving 15 feet below sea level. What is the distance between Nevaeh and the seagull?

6. Find the distance between the points listed below.

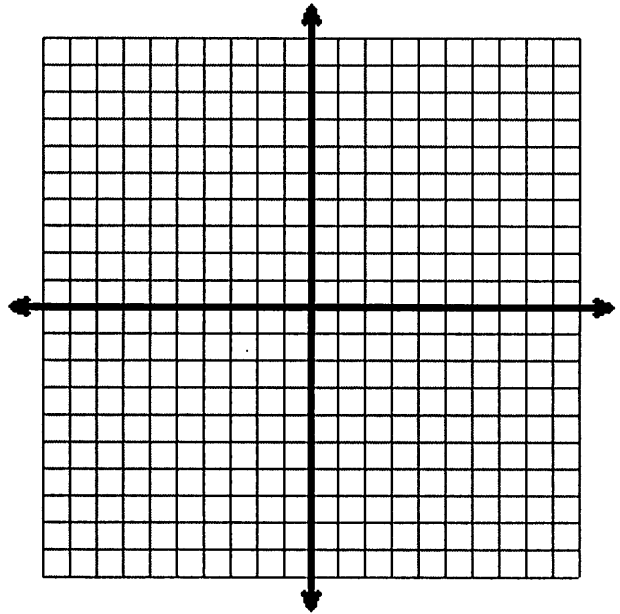
a) $(-7, 5)$ and $(4, 5)$

b) $(6, -3)$ and $(10, -3)$

c) $(0, 9)$ and $(0, -7)$

d) $(120, 4)$ and $(-40, 4)$

e) $(-6, -36)$ and $(-6, -48)$



7. Billy's garden is in the shape of a rectangle. To plot Billy's garden, plot $(-3, 4)$ and place a point at each of the following.

- Reflect point $(-3, 4)$ over the x -axis

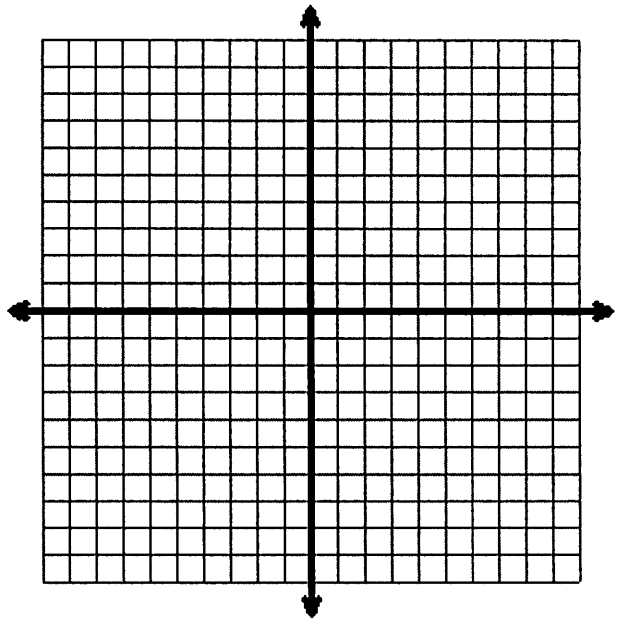
Name the Point: _____

- Reflect point $(-3, 4)$ over the y -axis

Name the Point: _____

- Reflect point $(-3, 4)$ over the y -axis and then the x -axis

Name the Point: _____

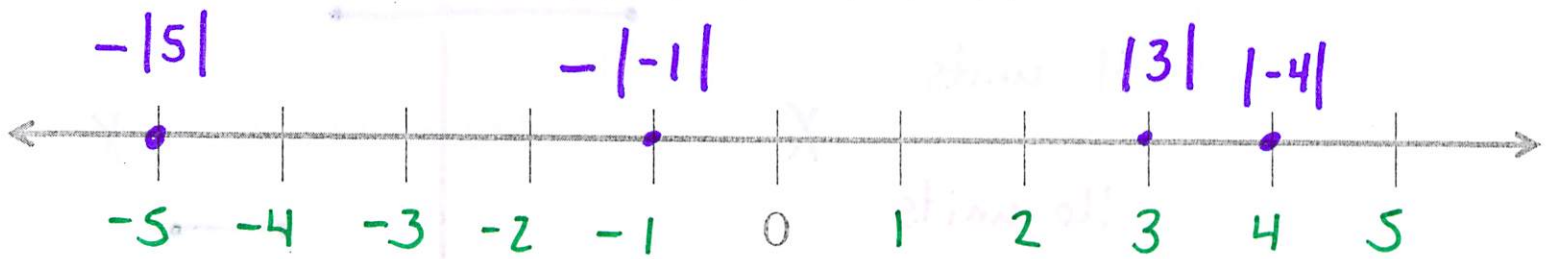


What is the perimeter of Billy's garden if each unit represents 3 meters?

1. Plot the following on the number line.

$$-5 \quad 4 \quad -1 \quad 3$$

$$-|-5|, |-4|, -|-1|, |3|$$



2. Put the following in order from Least to Greatest

$$-|-5|, |-4|, 1, |3|, 9, -14, -|-1|, |7|$$

$$-5 \quad 4 \quad 1 \quad 3 \quad 9 \quad -14 \quad -1 \quad 7$$

$$-14, -|-5|, -|-1|, 1, |3|, |-4|, |7|, 9$$

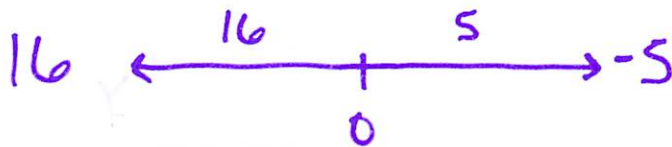
3. Put the following in order from Greatest to Least

$$-25, -|-24|, 18, |23|, -|18|, -14, -|23|, 21$$

$$-25 \quad -24 \quad 18 \quad 23 \quad -18 \quad -14 \quad -23 \quad 21$$

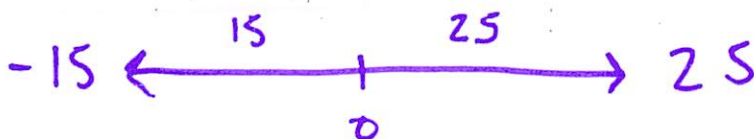
$$|23|, 21, 18, -14, -|18|, -|23|, -|-24|, -25$$

4. The balance of Bryce's account is \$16. Jada's account is \$5 overdrawn. What is the difference between their account balances?



Difference is \$21

5. A seagull is flying 25 feet above sea level. Nevaeh is diving 15 feet below sea level. What is the distance between Nevaeh and the seagull?



40 feet

6. Find the distance between the points listed below.

a) $(-7, 5)$ and $(4, 5)$

11 units

b) $(6, -3)$ and $(10, -3)$

4 units

c) $(0, 9)$ and $(0, -7)$

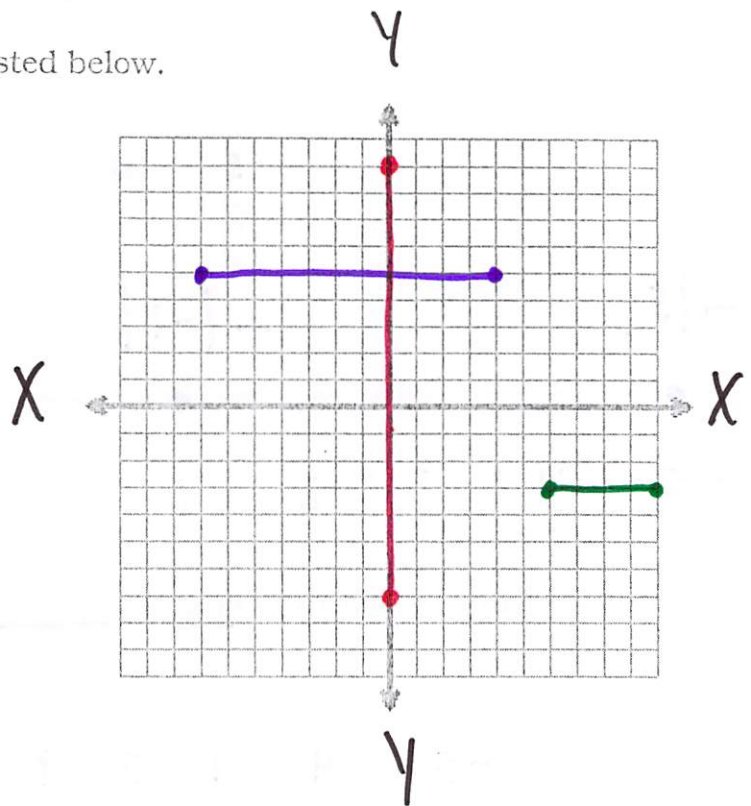
16 units

d) $(120, 4)$ and $(-40, 4)$

$120 \rightarrow -40$ 160 units

e) $(-6, -36)$ and $(-6, -48)$

$-36 \rightarrow -48$ 12 units



7. Billy's garden is in the shape of a rectangle. To plot Billy's garden, plot $(-3, 4)$ and place a point at each of the following.

- Reflect point $(-3, 4)$ over the x -axis

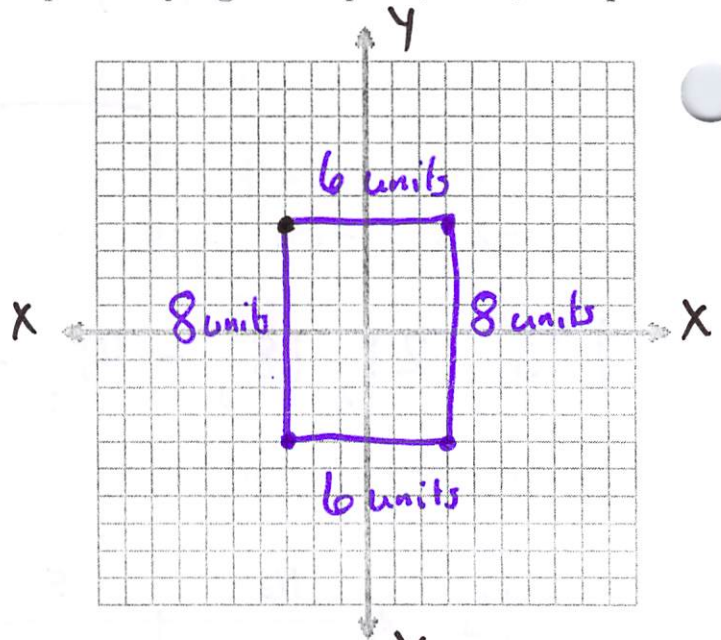
Name the Point: $(-3, -4)$

- Reflect point $(-3, 4)$ over the y -axis

Name the Point: $(3, 4)$

- Reflect point $(-3, 4)$ over the y -axis and then the x -axis

Name the Point: $(3, -4)$



What is the perimeter of Billy's garden if each unit represents 3 meters?

+ up sides $6 + 8 + 6 + 8$

28 units \times 3 meters = 84 meters