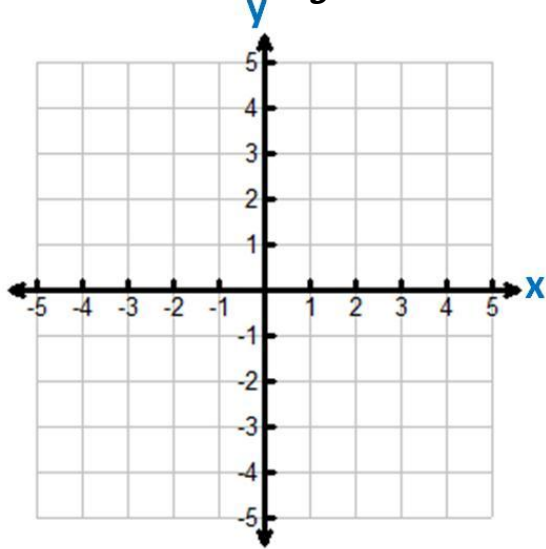
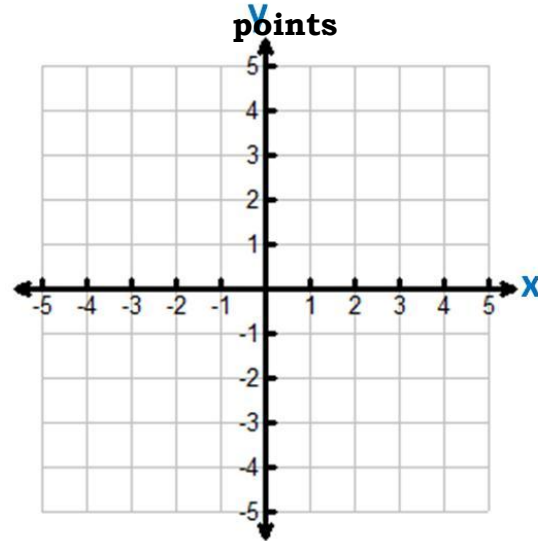


Station 1: Graphing, Distance, and Reflections

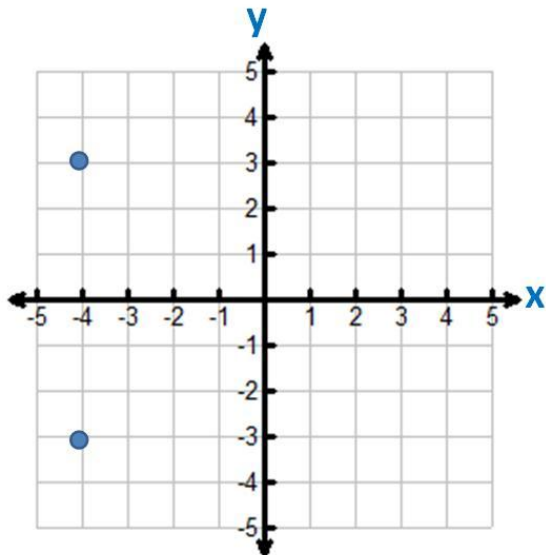
Plot the point $(-3, 5)$ and reflect it over the y -axis



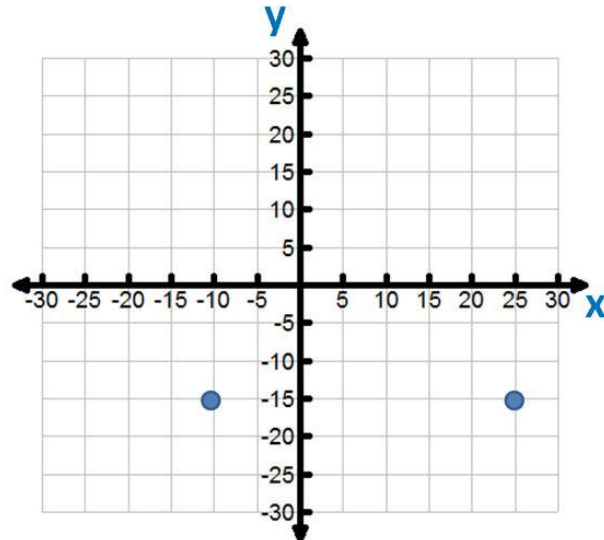
Plot the points $(-4, -1)$ and $(3, -1)$ and find the distance between the points



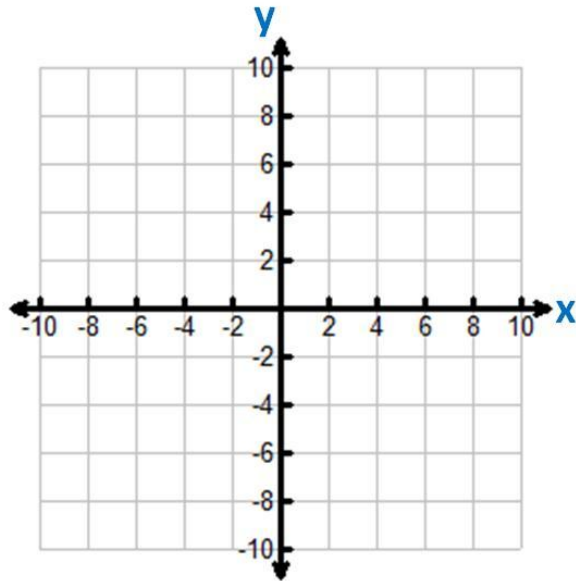
The following points are reflected over which axis?



What is the distance between the following points?



Plot the point $(6, 2)$. Move that point 4 units down and 3 units left

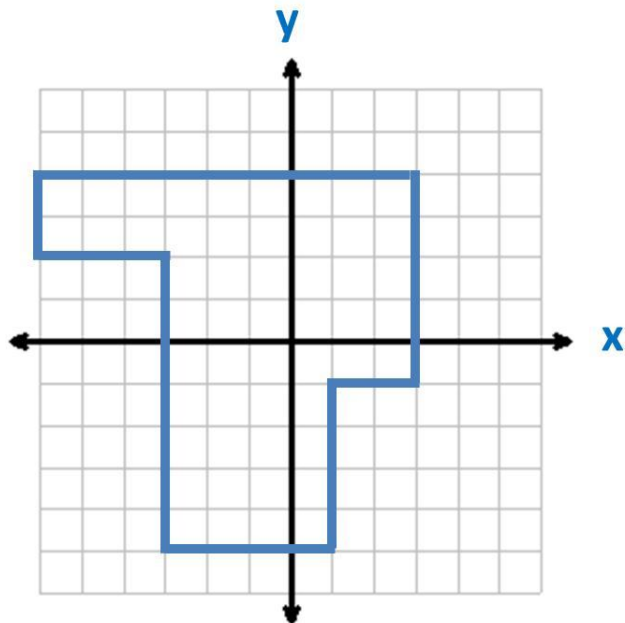


Reflect that point across the y -axis and then the x -axis

Which of the following represents the distance between the two points:

$(-6, 4)$ and $(3, 4)$

The layout for a school park is graphed to the left. If each unit represents 15 feet, what is the perimeter of the park in feet?



A $| -6 | + | 3 |$

B $| 3 | - | -6 |$

C $| -6 | + | -4 |$

D $| 4 | - | -6 |$

Station 2: Ordering Rational Numbers

$$-12 \underline{\hspace{1cm}} -5$$

$$0.25 \underline{\hspace{1cm}} 0.205$$

$$|-10| \underline{\hspace{1cm}} -9$$

$$\frac{5}{8} \underline{\hspace{1cm}} 0.62$$

$$-|1| \underline{\hspace{1cm}} -(-4)$$

$$-\frac{2}{5} \underline{\hspace{1cm}} -0.402$$

The temperature at noon on a winter day was 8°C . At midnight, the temperature dropped 15° . What was the temperature at midnight?

An architectural drawing of a building shows the elevation of the basement floor to be -12 feet. The elevation of the roof is 32 feet. What is the total distance from the roof to the basement floor?

Order the following from **Greatest to Least**

$$-\frac{1}{8} \quad 0.5 \quad \frac{3}{2} \quad -1.87 \quad -0.087$$

Order the following from **Least to Greatest**

$$|30| \quad -(-51) \quad -|-22| \quad 63 \quad 12 \quad -|63|$$

Station 3: Comparing Rates

You bike 39 miles in 5 hours.
Find the Unit Rate in miles per hour

Find the Better Buy (Cheapest Per Item)

Should you buy 4 pairs of socks that cost \$5.04 or 7 pairs of socks that cost \$8.54?

You can bike 63 miles in 3.5 hours.
How far can you bike in 8 hours.

The ratio of boys to girls in the 6th grade is 2 : 3. If there are 75 students, how many more girls are there than boys?

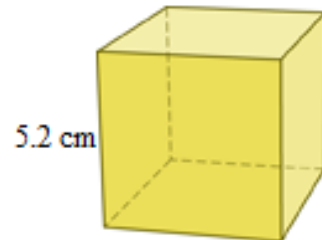
How many inches is 15 centimeters?

Use 1 inch = 2.54 cm

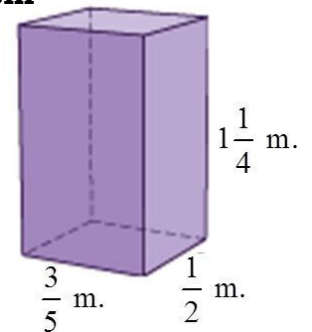
Jordan walks 9 miles in 2 hours? How long did Jordan walk in 18 minutes?

Station 4: Volume

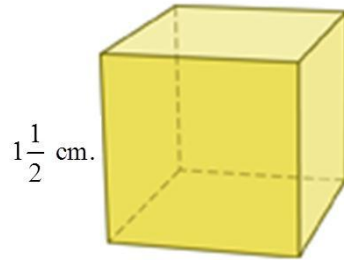
Find the Volume of the Cube to the *nearest tenth*.



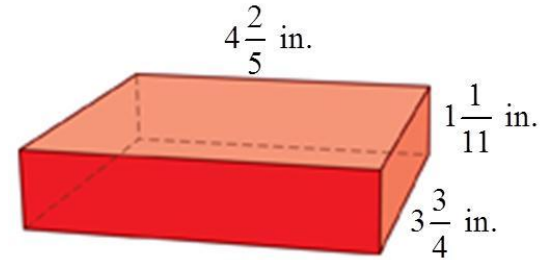
Find the Volume of the Rectangular Prism



Find the Volume of the Cube



Find the Volume of the Rectangular Prism



Find the Volume of a Rectangular Prism when the Area of the Base is $3\frac{3}{4}$ m² and the height is $\frac{3}{10}$ m

The Volume of a Rectangular Prism is 3 in^3 . If the length of the prism is $\frac{3}{4}$ in and the width is $\frac{1}{3}$ in, what is the height?