

6th Grade Math
Lesson: April 6th

Learning Target:

Students will locate and plot points on the Cartesian coordinate plane.

Let's Get Started:

Watch Video: Click [here](#) to watch a video of today's lesson.

Practice:

Go to this website:

[Khan Academy \(no login needed\)](#)

1. There are 7 practice problems for you to try.
2. Read the directions. Once you have completed the problem, click “CHECK”.
3. If you’ve made a mistake, go back and change your answer.
4. You will not be able to move on until you get it correct, but there are videos and examples linked you can use for help.
5. Once it is correct, go on to the next problem.

Practice:

Four Quadrant Ordered Pairs

Tell what point is located at each ordered pair.

1) $(+7,+5)$ _____ 3) $(-6,-4)$ _____

2) $(-8,+9)$ _____ 4) $(-9,+2)$ _____

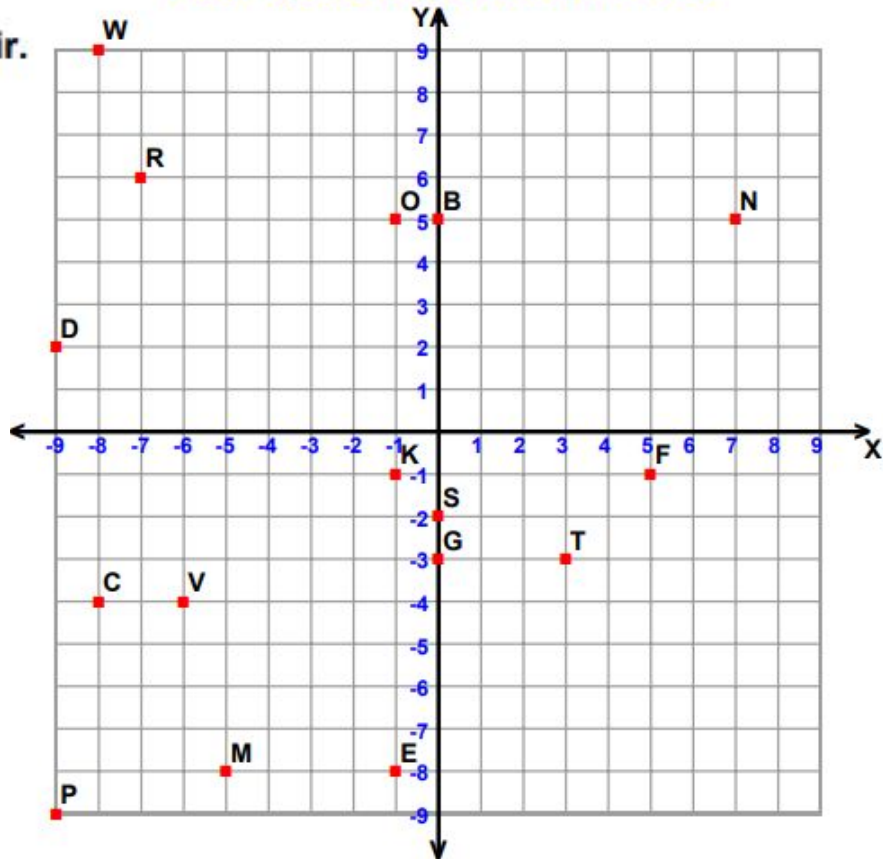
5) $(-7,+6)$ _____ 7) $(-9,-9)$ _____

6) $(-5,-8)$ _____ 8) $(+0,-2)$ _____

Remember the first number is the x value and the second number is the y value.

For #1, start at the origin $(0,0)$ and move right 7 units, then up 5 units.

Check your answers on the next slide.



Practice:

Four Quadrant Ordered Pairs

Tell what point is located at each ordered pair.

1) $(+7,+5)$ N 3) $(-6,-4)$ V

2) $(-8,+9)$ W 4) $(-9,+2)$ D

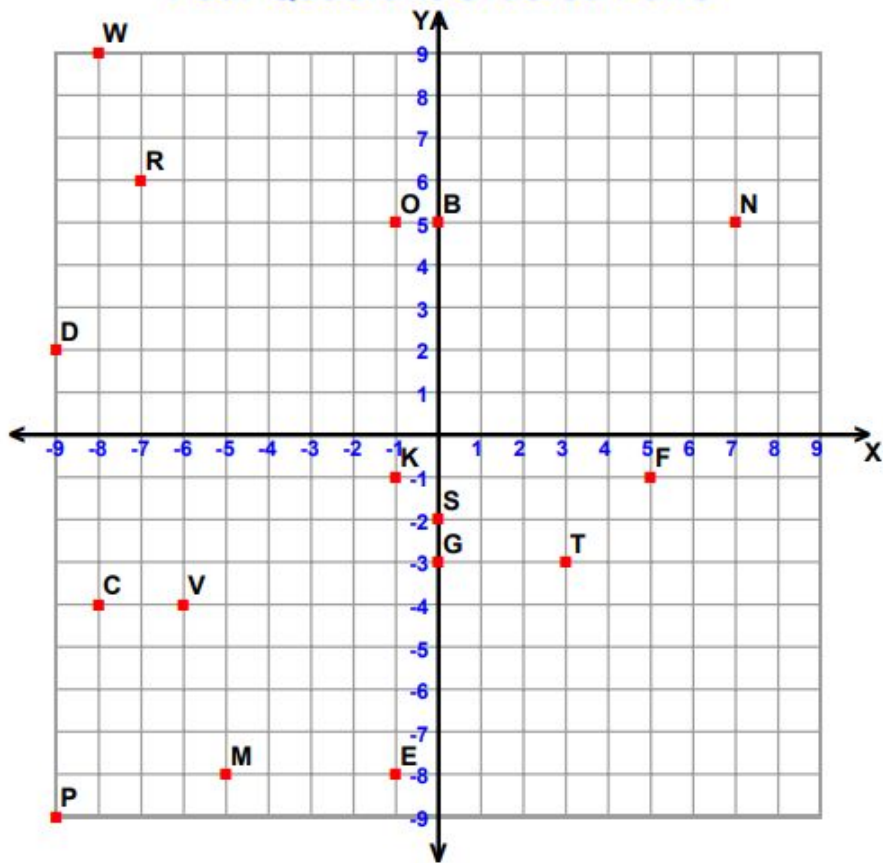
5) $(-7,+6)$ R 7) $(-9,-9)$ P

6) $(-5,-8)$ M 8) $(+0,-2)$ S

Congratulations if you got all correct!

If you missed any, please go back and find your mistake. A few common errors to look for are:

1. Did you begin at the origin?
2. Did you move along the x axis (left or right) first?
3. Did you move up or down along the y axis next?



Practice:

Four Quadrant Ordered Pairs

Write the ordered pair for each given point.

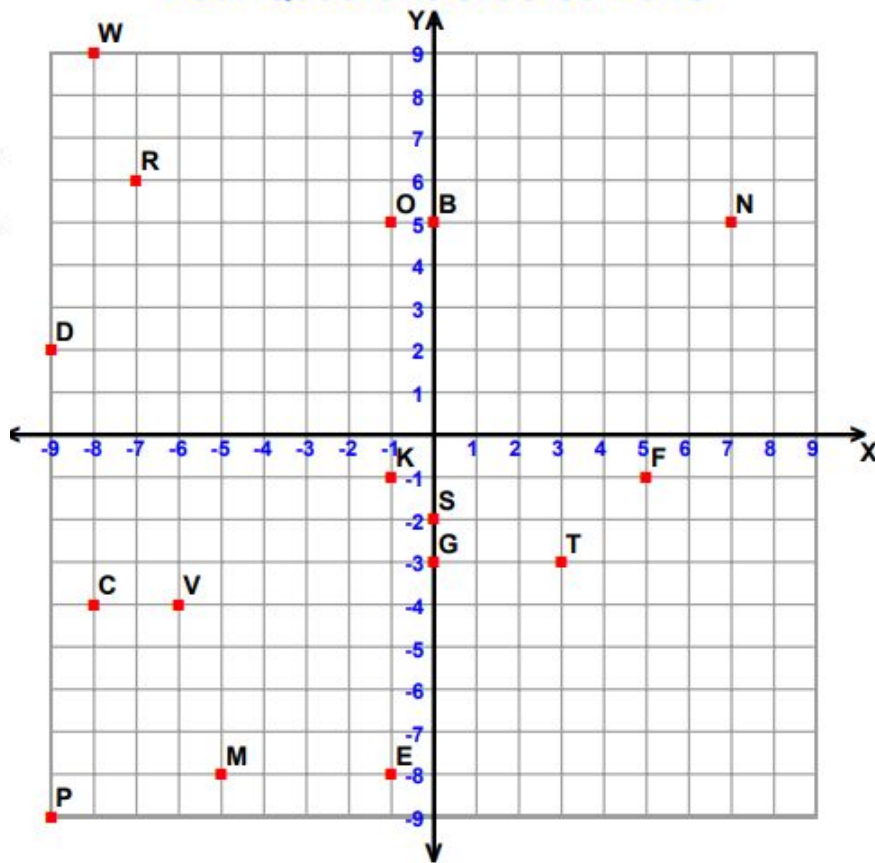
9) C _____ 11) B _____

10) G _____ 12) K _____

13) F _____ 15) T _____

14) E _____ 16) O _____

Remember to begin at the origin (0,0) and move left/right first, then up/down.



Practice:

Write the ordered pair for each given point.

9) C $(-8,-4)$ 11) B $(+0,+5)$

10) G $(+0,-3)$ 12) K $(-1,-1)$

13) F $(+5,-1)$ 15) T $(+3,-3)$

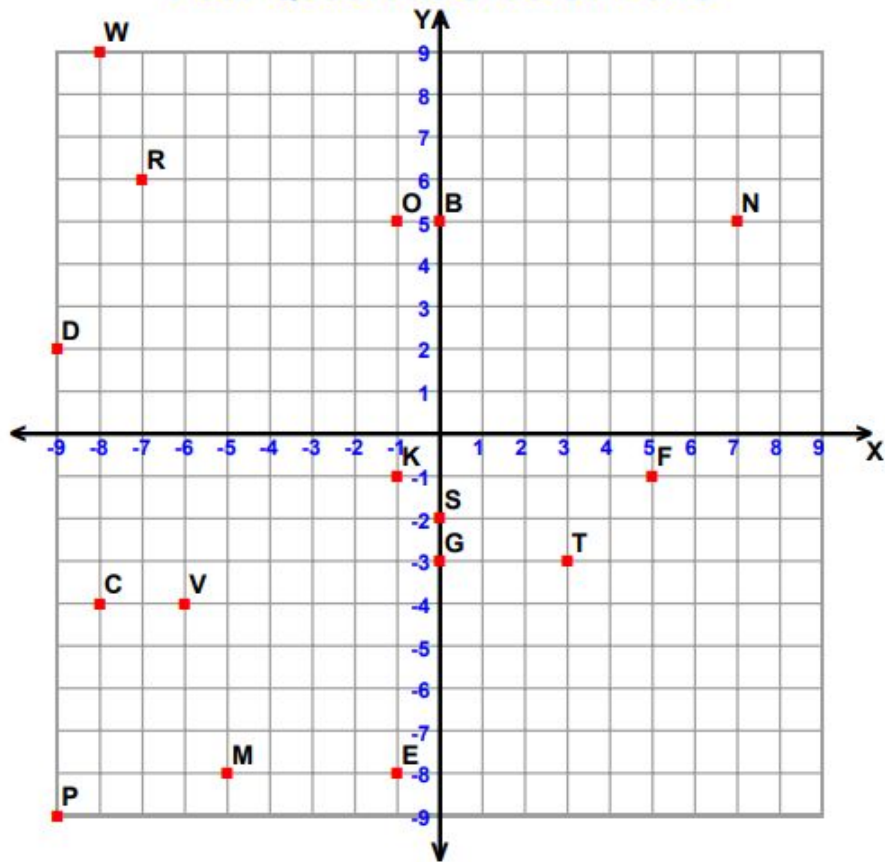
14) E $(-1,-8)$ 16) O $(-1,+5)$

Congratulations if you got all correct!

If you missed any, please go back and find your mistake. A few common errors to look for are:

1. Did you begin at the origin?
2. Did you move along the x axis (left or right) first?
3. Did you move up or down along the y axis next?

Four Quadrant Ordered Pairs



Additional Practice:

Click on the links below to get additional practice and to check your understanding!

[Watch this video for additional instruction](#)

[Another video on plotting ordered pairs](#)

[Interactive practice for plotting points](#)

[Additional Practice](#)

[Graphing Coordinates Review](#)