



Family Letter for Unit 8

Dear Family,

During the next few weeks, our math class will be learning about probability, graphing, and algebra.

You can expect to see work that provides practice with finding probability, plotting and locating points in a coordinate grid, as well as working with integers.

As we learn about graphing ordered pairs in a coordinate grid, you may wish to use this sample as a guide.

Vocabulary

coordinates The numbers in an ordered pair.

integers The set of positive and negative whole numbers and 0.

x-coordinate The first number of an ordered pair of numbers.

y-coordinate The second number of an ordered pair of numbers.

tree diagram A diagram that shows combinations of outcomes of an event.

Ordered Pairs

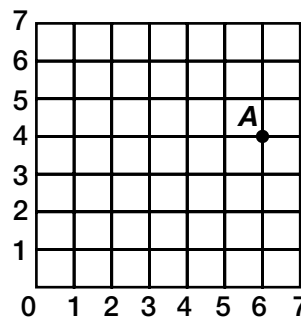
To locate point A:

- Start at 0.
- Count the number of units to the right you need to move to be directly under point A. (6 units)
- Then count the number of units you need to move up to land on A. (4 units)

So, Point A is located at (6, 4).

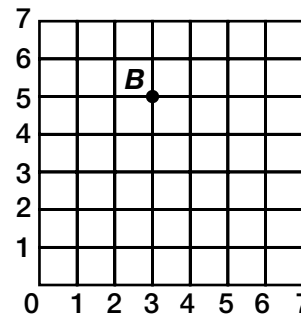
The first number is called the *x*-coordinate.

The second number is called the *y*-coordinate.



To plot the point named by (3, 5):

- Start at 0.
- Move 3 units to the right.
- Then move 5 units up.
- Plot the point.



Knowing about graphing and algebra will lay the foundation for the math that students will learn in the years to come.

Sincerely,

Your Child's Teacher



Technology

Check out *Education Place* at eduplace.com/map for *e•Glossary*, *e•Word Games*, test prep practice, and more.