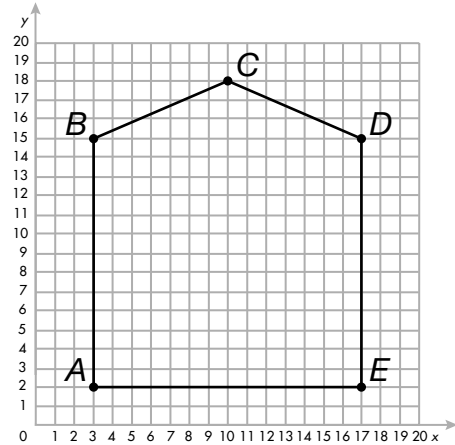


Graphing Ordered Pairs

A coordinate grid has a horizontal **x-axis** and a vertical **y-axis** that meet at 0. To read a grid, use **ordered pairs** of numbers. You can find the lettered points of the house on the grid by reading the ordered pairs. Start at 0. Move right 3 units. This gives you the first number, or **x-coordinate**. Then move up 2 units. This gives you the second number, or **y-coordinate**, in the ordered pair. The ordered pair for point **A** is (3, 2).



| Point | You Move |
|------------|-----------|
| A (3, 2) | 3 → 2 ↑ |
| B (3, 15) | 3 → 15 ↑ |
| C (10, 18) | 10 → 18 ↑ |
| D (17, 15) | 17 → 15 ↑ |
| E (17, 2) | 17 → 2 ↑ |

When you **plot** point on a grid, you are graphing it by using the ordered pair for that point. Find each point on the grid and write the correct letter for it on the grid. Then connect the points in the order you found them.

Use the graph above for Exercises 1–7.

- Find the ordered pair (8, 2) and mark it with a dot.
- Find the ordered pair (12, 2) and mark it with a dot.
- Find the ordered pairs (8, 10) and (12, 10) and mark them with dots.
- Connect the dots. You have drawn a _____ .
- Find the ordered pairs (4, 5) and (7, 5) and mark them with dots.
- Find the ordered pairs (4, 10) and (7, 10) and mark them with dots.
- Connect the points you drew in Exercises 5 and 6. You have drawn a _____ .