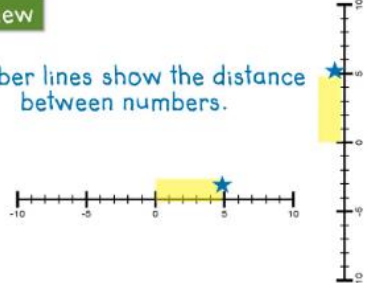
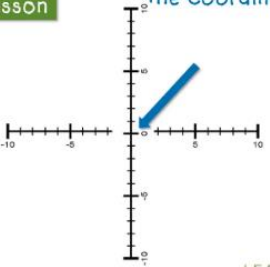
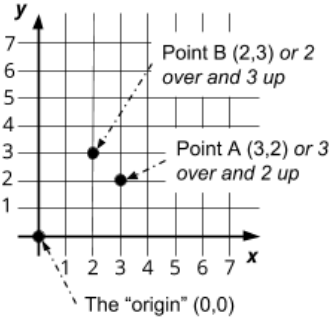


## Exploring the Coordinate Plane

<p style="text-align: center;"><b>Overarching Student Learning Goals</b></p> <p style="text-align: center;">In this unit, your child will work to build an understanding of the following:</p>	<p style="text-align: center;"><b>Resources/Tasks to support your child at home.</b></p>
<p><b>Recognize the x-axis and y-axis on the coordinate plane</b></p> <ul style="list-style-type: none"> <li>Students learn the coordinate plane is a grid made up of perpendicular lines made from</li> <li>Students learn the coordinate plane can help to specify locations in space (5<sup>th</sup> grade students work only in the 1<sup>st</sup> quadrant)</li> </ul> <div style="display: flex; justify-content: space-around;"> <div data-bbox="134 529 653 837"> <p><b>Let's Review</b></p> <p>Number lines show the distance between numbers.</p>  </div> <div data-bbox="663 529 1129 837"> <p><b>Core Lesson</b> The Coordinate Plane</p>  <p style="text-align: right; font-size: small;">LEARN ZILLION</p> </div> </div>	<ul style="list-style-type: none"> <li>Florida Student Tutorial: What do you Mean the Coordinate Plane Doesn't Fly? - <a href="https://bit.ly/2D4CIDR">https://bit.ly/2D4CIDR</a></li> <li>LearnZillion: Use a Model to Identify Parts of the Coordinate Plane - <a href="https://bit.ly/2RlneV1">https://bit.ly/2RlneV1</a></li> </ul>
<p><b>Identify an ordered pair and graph the point on the coordinate plane</b></p> <ul style="list-style-type: none"> <li>Students identify the origin as (0,0)</li> <li>An ordered pair is a pair of numbers that shows the precise location of a point on the coordinate plane, with the first number showing the distance across on the x-axis, and the second number showing the distance up or down on the y-axis.</li> <li>The order of the numbers in the pair is important, as shown by the example where (2, 3) and (3, 2) are different points on the plane.</li> </ul> <div style="text-align: center;">  </div>	<ul style="list-style-type: none"> <li>Florida Student Tutorial: You Sank my Battleship - <a href="https://bit.ly/2AJE7hD">https://bit.ly/2AJE7hD</a></li> <li>Desmos Student Tutorial: Coordinate Plane (Quadrant 1) - <a href="https://bit.ly/2Fs5KPy">https://bit.ly/2Fs5KPy</a></li> <li>Math Game: Soccer Coordinates - <a href="https://bit.ly/1jFawut">https://bit.ly/1jFawut</a></li> <li>LearnZillion: Plot Points on a Coordinate Grid - <a href="https://bit.ly/2CqVZGj">https://bit.ly/2CqVZGj</a></li> </ul>

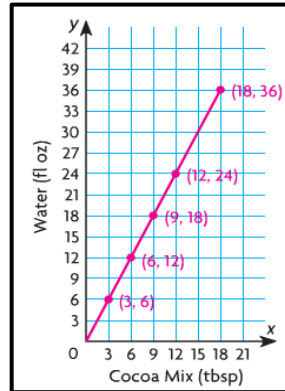
For more information on the learning goals and your child's progress, please contact your child's teacher.

**Solve problems involving the coordinate plane**

- Students learn that the coordinate plane can be used to graph data, including numerical patterns
- Students use the coordinate plane to solve real-world problems
- Students use tables, such as simple function tables, to develop ordered pairs and compare patterns

**STEP 1** Use the two given rules in the problem to generate the first four terms for the number of tablespoons of cocoa mix and the number of fluid ounces of water.

Cocoa Mix (tbsp)	3	6	9	12	18
Water (fl oz)	6	12	18	24	36



- Khan Academy: Coordinate Plane Word Problems - <https://bit.ly/2Rq37VF>
- Khan Academy: Graphing Patterns on the Coordinate Grid - <https://bit.ly/2VKkPSk>
- Khan Academy: Interpreting Patterns on the Coordinate Plane - <https://bit.ly/2AENYWO>