Exercise 3-1

1. Use a piece of paper and a pen or pencil to make a sketch similar to Figure 3-1. Label the origin, +X axis, +Y axis, –X axis, and –Y axis. Do not include the coordinates at this step.

2. Sketch a dot located at the intersection of 3 units on the +X axis and 3 units on the +Y axis. Identify the point as 3,3.

3. Sketch a dot located at the intersection of 3 units on the –X axis and 3 units on the –Y axis. Identify the point as –3,–3.

4. Sketch a dot located at the intersection of 2 units on the +X axis and 4 units on the +Y axis. Identify the point as 2,4.

5. Sketch a dot located at the intersection of 5 units on the –X axis and 2 units on the +Y axis. Identify the point as –5,2.

6. Sketch a dot located at the intersection of 1 unit on the +X axis and 2 units on the –Y axis. Identify the point as 1,–2.