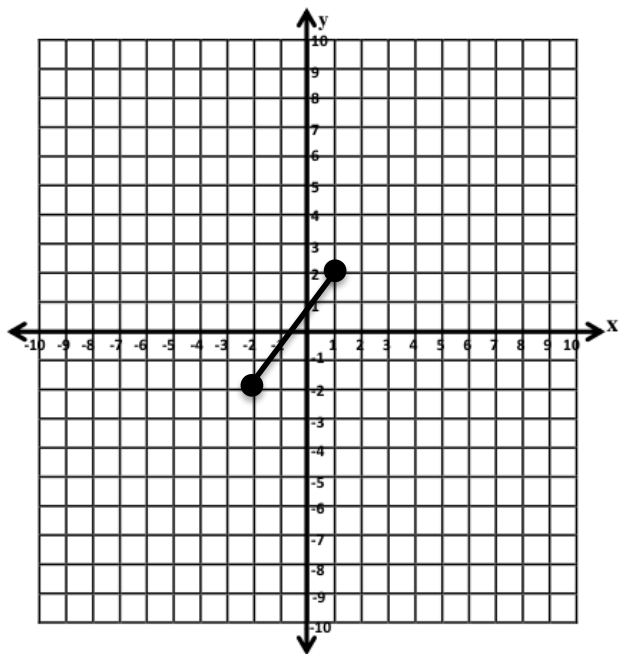# Using the Pythagorean Theorem on the Coordinate Plane

## Find the distance between the points listed below.

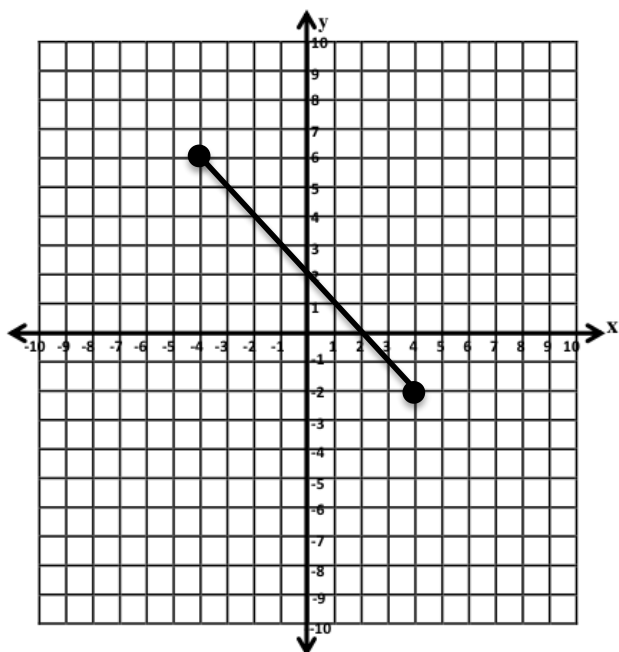**1.** Using the given line segment, draw a right triangle on the coordinate plane below.



- Vertical change: _____ units
- Horizontal change: _____ units

**Work:**

The distance between the two points is _____ units.

---

**2.** Using the given line segment, draw a right triangle on the coordinate plane below.
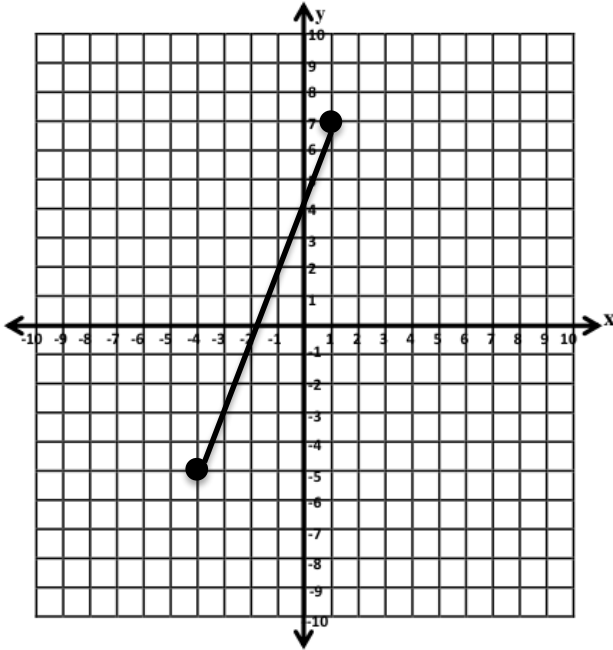


- Vertical change: _____ units
- Horizontal change: _____ units

**Work:**

The distance between the two points is _____ units.

# Find the distance between the points listed below.

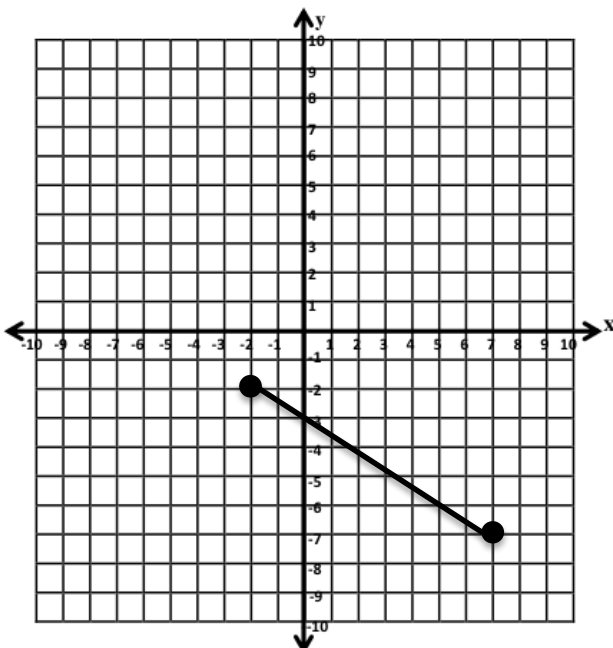**3.** Using the given line segment, draw a right triangle on the coordinate plane below.

- Vertical change: _____ units
- Horizontal change: _____ units

**Work:**

The distance between the two points is _____ units.

**4.** Using the given line segment, draw a right triangle on the coordinate plane below.

- Vertical change: _____ units
- Horizontal change: _____ units

**Work:**

The distance between the two points is _____ units.