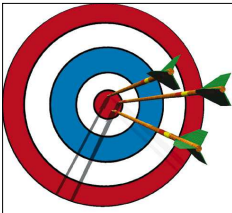


# Unit 1-16 & 1-17



## Right Triangles on a Coordinate Grid

Today's Learning Targets:

1.16 I can connect any two points on a coordinate grid to a third point so that the three points form a right triangle.

1.17 I can use the right triangle and the Pythagorean Theorem to find the distance between the two points on a coordinate grid.

---

---

---

---

---

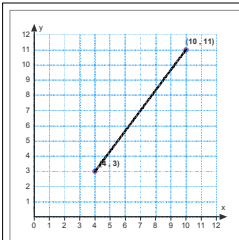
---

---

---

---

---



What is the length of the line segment?

---

---

---

---

---

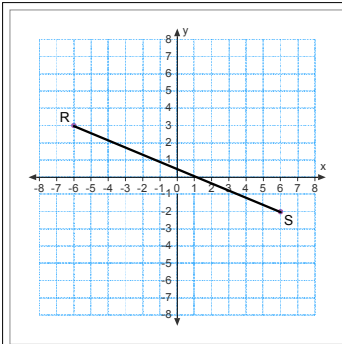
---

---

---

---

---



What is the distance between R and S?

---

---

---

---

---

---

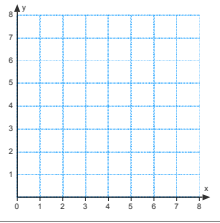
---

---

---

---

# Unit 1-16 & 1-17



Find the length of a line segment with the endpoints  $(3,7)$  and  $(5, 2)$ .

---

---

---

---

---

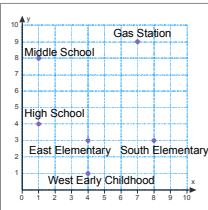
---

---

---

---

---



On the map each unit represents 1 kilometer. If Jane jogs directly from the Middle School to South Elementary how far does she jog?

---

---

---

---

---

---

---

---

---

---