

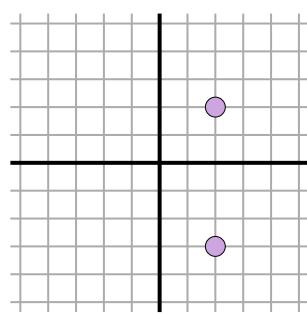


Finding Distance on a Grid

Name: **Answer Key**

Find the distance between points.

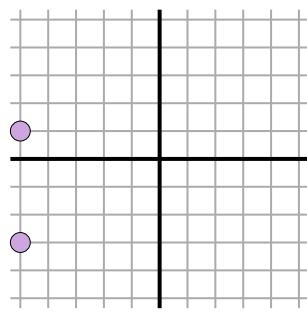
Ex)



$$\sqrt{(2-(-2))^2 + (2-(-3))^2}$$

$$\sqrt{(0)^2 + (25)^2}$$

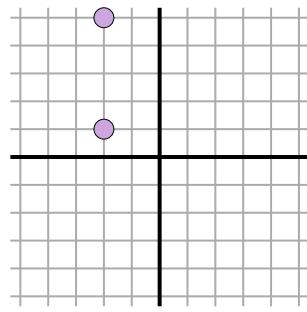
3)



$$\sqrt{(-5-(-5))^2 + (1-(-3))^2}$$

$$\sqrt{(0)^2 + (16)^2}$$

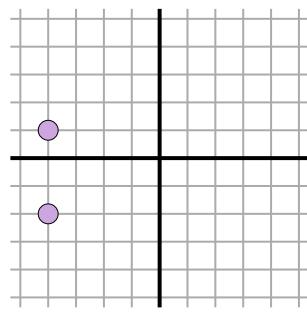
6)



$$\sqrt{(-2-1)^2 + (5-1)^2}$$

$$\sqrt{(0)^2 + (16)^2}$$

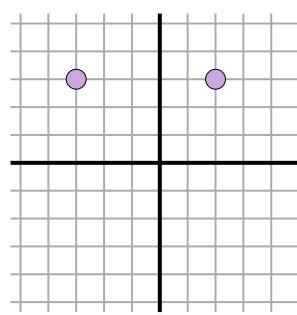
9)



$$\sqrt{(-4-(-4))^2 + (-2-(-1))^2}$$

$$\sqrt{(0)^2 + (9)^2}$$

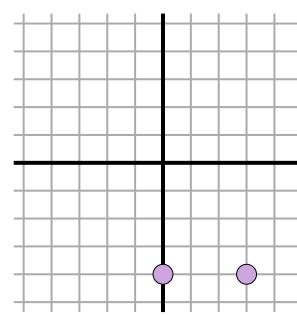
1)



$$\sqrt{(-3-3)^2 + (3-3)^2}$$

$$\sqrt{(25)^2 + (0)^2}$$

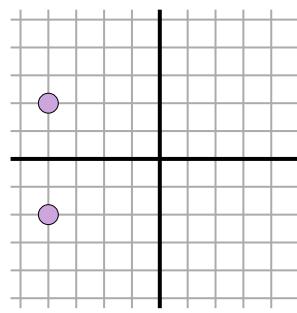
2)



$$\sqrt{(0-3)^2 + (-4-(-4))^2}$$

$$\sqrt{(9)^2 + (0)^2}$$

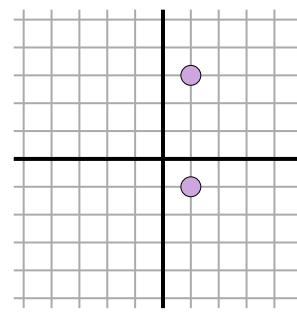
4)



$$\sqrt{(-4-(-4))^2 + (-2-2)^2}$$

$$\sqrt{(0)^2 + (16)^2}$$

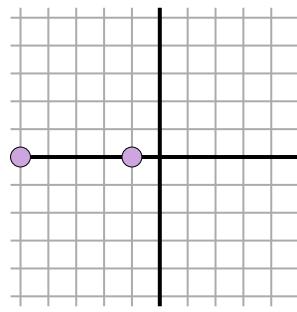
5)



$$\sqrt{(1-1)^2 + (-1-(-3))^2}$$

$$\sqrt{(0)^2 + (16)^2}$$

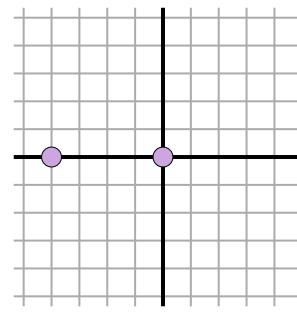
7)



$$\sqrt{(-5-(-1))^2 + (0-0)^2}$$

$$\sqrt{(16)^2 + (0)^2}$$

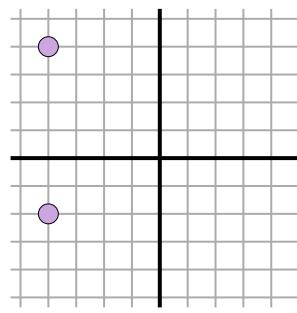
8)



$$\sqrt{(0-4)^2 + (0-0)^2}$$

$$\sqrt{(16)^2 + (0)^2}$$

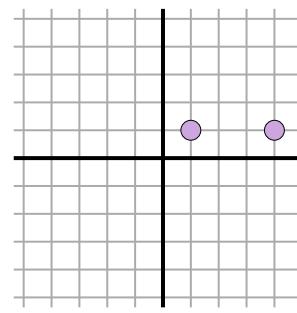
10)



$$\sqrt{(-4-(-4))^2 + (2-(-4))^2}$$

$$\sqrt{(0)^2 + (36)^2}$$

11)



$$\sqrt{(1-4)^2 + (-1-(-1))^2}$$

$$\sqrt{(9)^2 + (0)^2}$$

Answers

Ex. **5**

1. **5**

2. **3**

3. **4**

4. **4**

5. **4**

6. **4**

7. **4**

8. **4**

9. **3**

10. **6**

11. **3**