

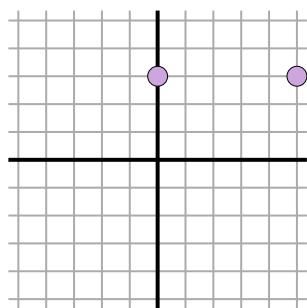


## Finding Distance on a Grid

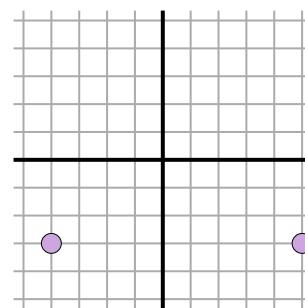
Name: \_\_\_\_\_

Find the distance between points.

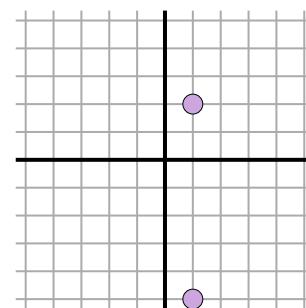
Ex)



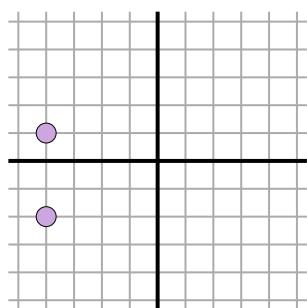
1)



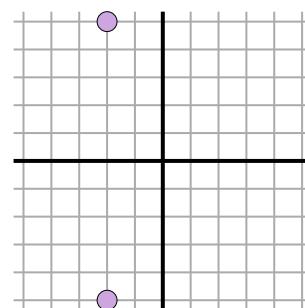
2)



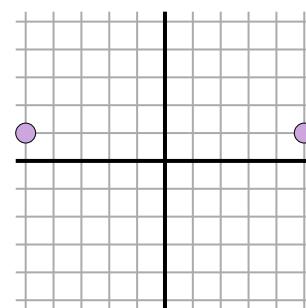
3)



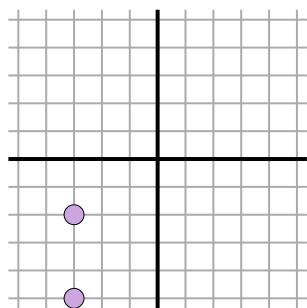
4)



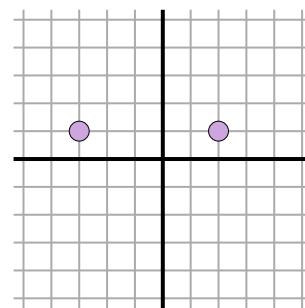
5)



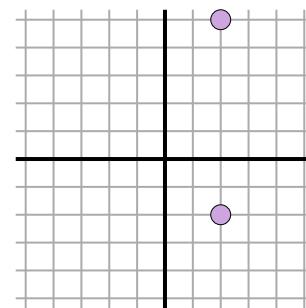
6)



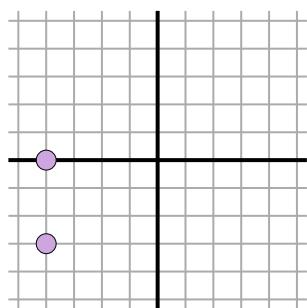
7)



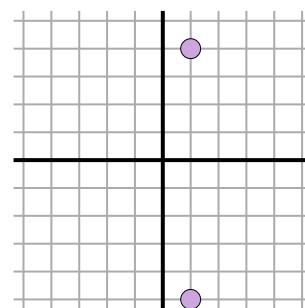
8)



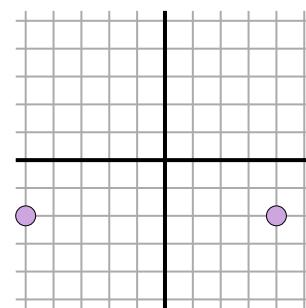
9)



10)



11)

Answers

Ex. \_\_\_\_\_

5

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

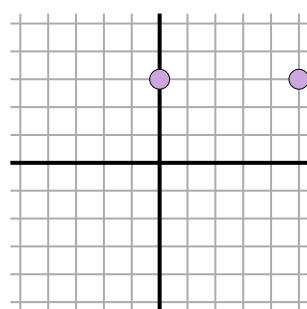


# Finding Distance on a Grid

Name: **Answer Key**

Find the distance between points.

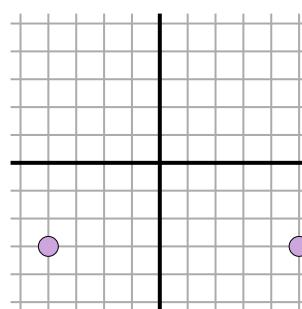
**Ex)**



$$\sqrt{(5-0)^2 + (3-0)^2}$$

$$\sqrt{(25) + (9)}$$

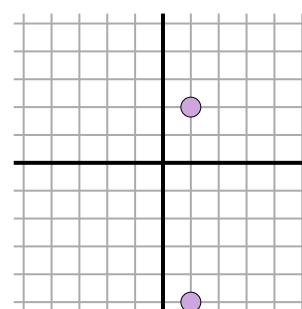
**1)**



$$\sqrt{(5-(-4))^2 + (-4-(-3))^2}$$

$$\sqrt{(81) + (1)}$$

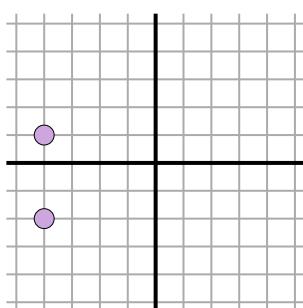
**2)**



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

$$\sqrt{(0) + (49)}$$

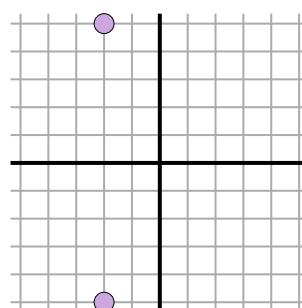
**3)**



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

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

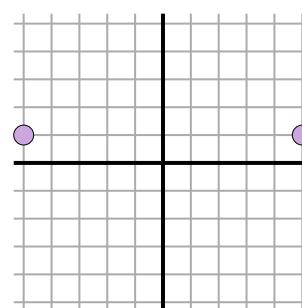
**4)**



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

$$\sqrt{(0) + (100)}$$

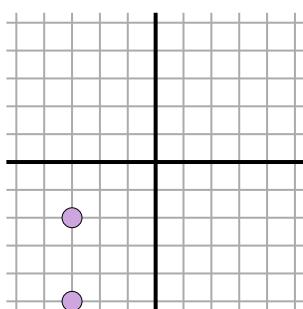
**5)**



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

$$\sqrt{(100) + (0)}$$

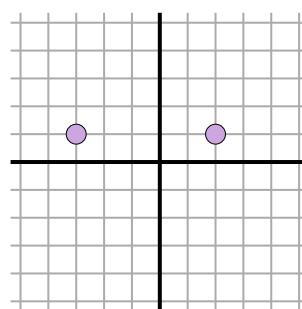
**6)**



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

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

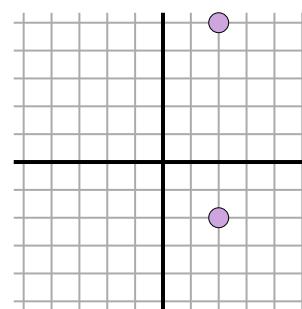
**7)**



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

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

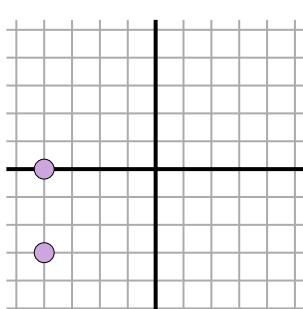
**8)**



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

$$\sqrt{(0) + (49)}$$

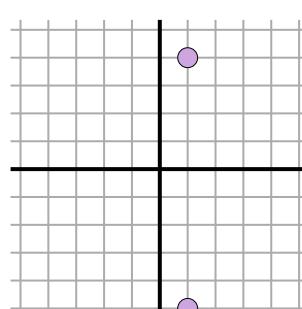
**9)**



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

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

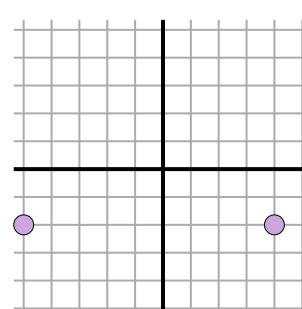
**10)**



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

$$\sqrt{(0) + (81)}$$

**11)**



$$\sqrt{(4-(-5))^2 + (-5-(-2))^2}$$

$$\sqrt{(81) + (0)}$$

## Answers

**5**

**9**

**7**

**3**

**10**

**10**

**3**

**5**

**7**

**3**

**9**

**9**