

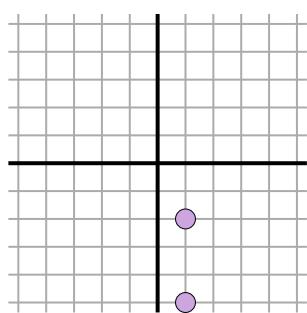


# Finding Distance on a Grid

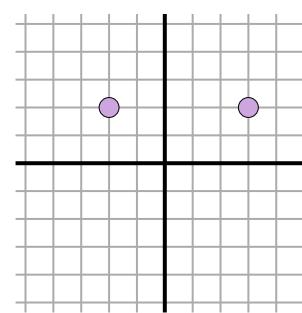
Name: \_\_\_\_\_

Find the distance between points.

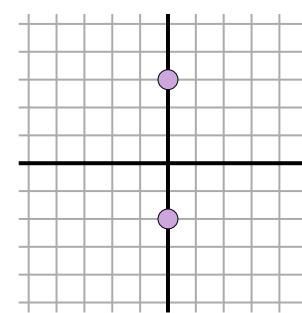
Ex)



1)



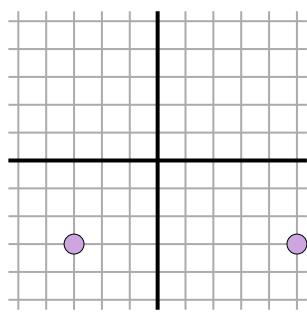
2)



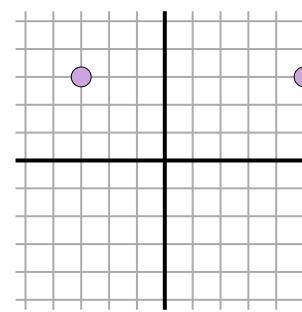
**Answers**

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

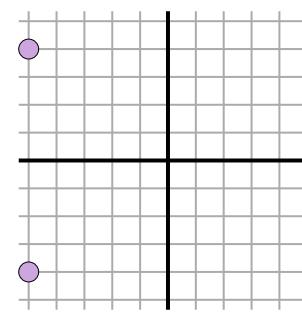
**3**



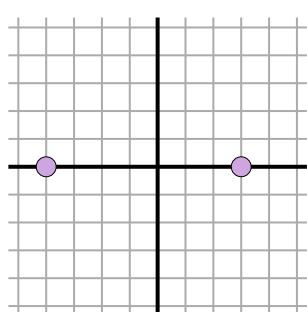
4)



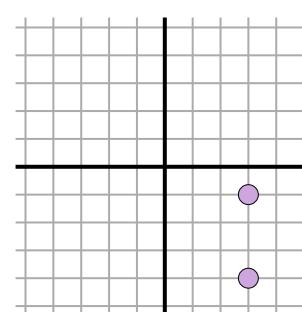
5)



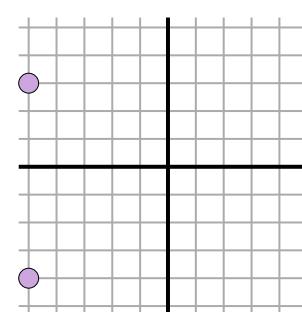
6)



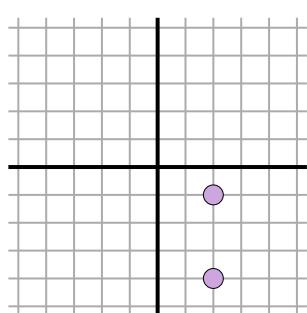
7)



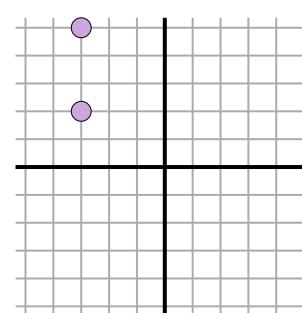
8)



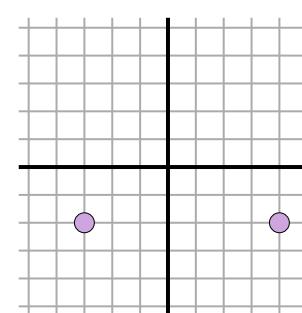
9)



10)



11)



1.

2.

3.

4.

5.

6.

7.

8.

9.

10.

11.

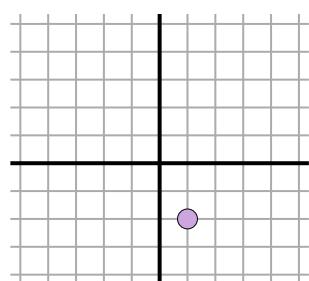


# Finding Distance on a Grid

Name: **Answer Key**

**Find the distance between points.**

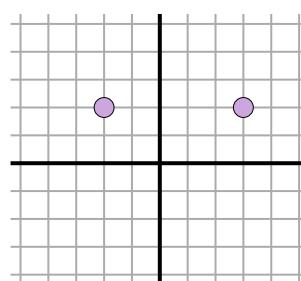
**Ex)**



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

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

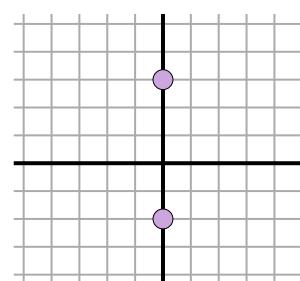
**1)**



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

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

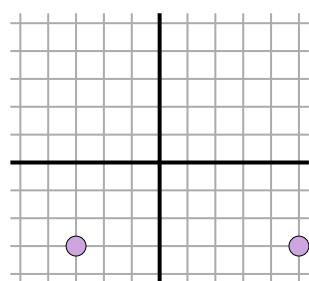
**2)**



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

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

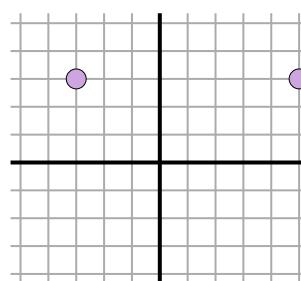
**3)**



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

$$\sqrt{(64) + (0)}$$

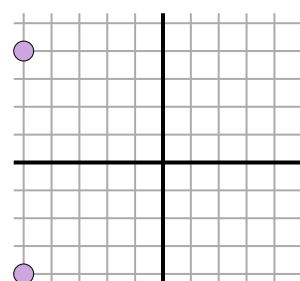
**4)**



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

$$\sqrt{(64) + (0)}$$

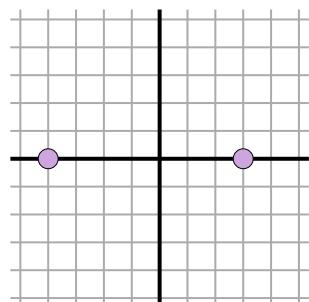
**5)**



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

$$\sqrt{(0) + (64)}$$

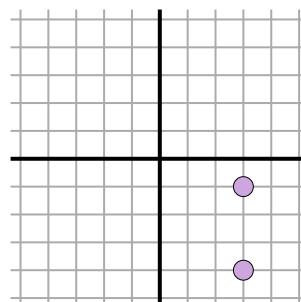
**6)**



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

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

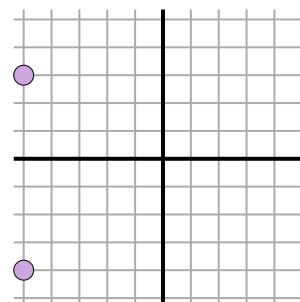
**7)**



$$\sqrt{(3-3)^2 + (-1-(-4))^2}$$

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

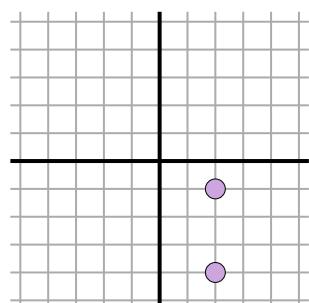
**8)**



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

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

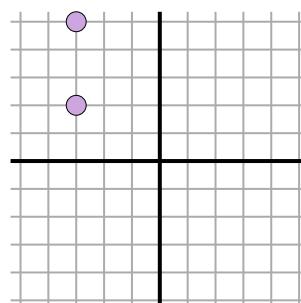
**9)**



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

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

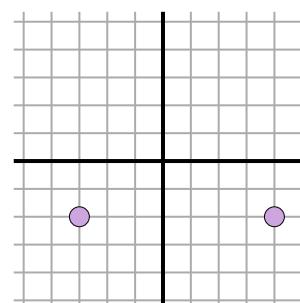
**10)**



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

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

**11)**



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

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

## Answers

**3**

**5**

**5**

**8**

**8**

**8**

**7**

**3**

**7**

**3**

**3**

**7**

|      |    |    |    |    |    |    |    |    |    |   |
|------|----|----|----|----|----|----|----|----|----|---|
| 1-10 | 91 | 82 | 73 | 64 | 55 | 45 | 36 | 27 | 18 | 9 |
| 11   | 0  |    |    |    |    |    |    |    |    |   |