

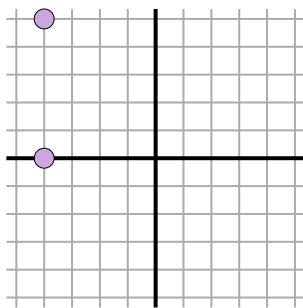


## Finding Distance on a Grid

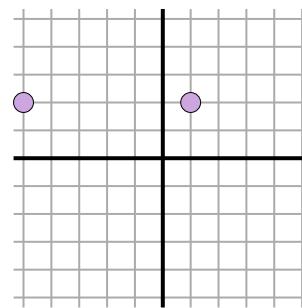
Name: \_\_\_\_\_

Find the distance between points.

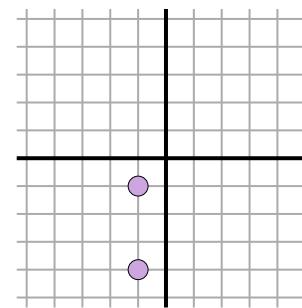
Ex)



1)



2)

Answers

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

5

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

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

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

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

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

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

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

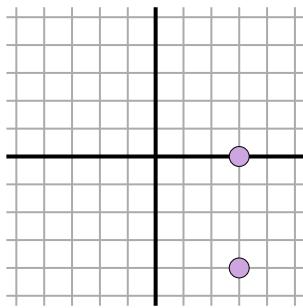
8. \_\_\_\_\_

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

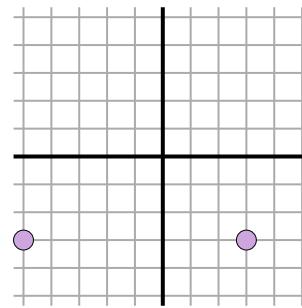
10. \_\_\_\_\_

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

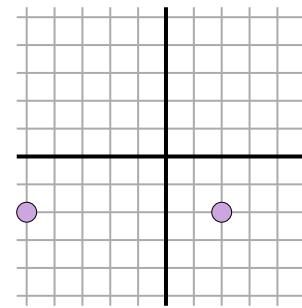
3)



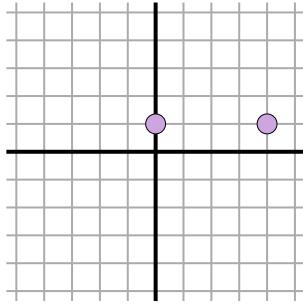
4)



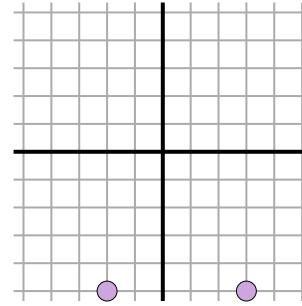
5)



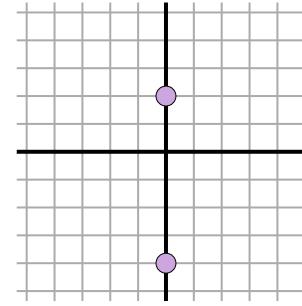
6)



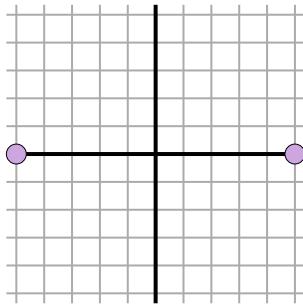
7)



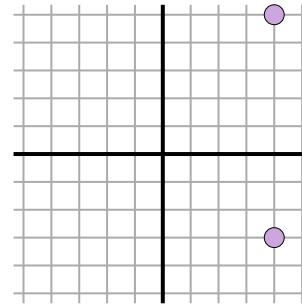
8)



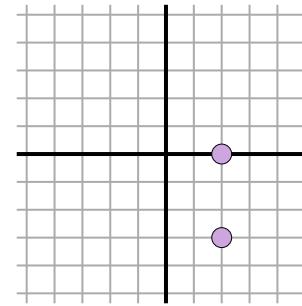
9)



10)



11)



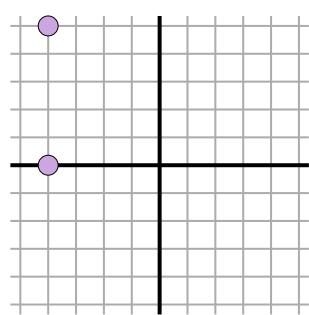


## Finding Distance on a Grid

Name: **Answer Key**

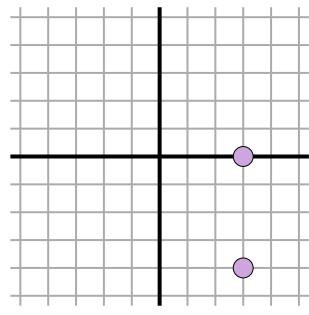
Find the distance between points.

Ex)



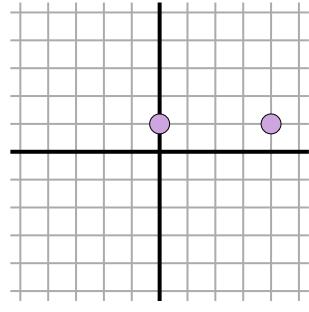
$$\sqrt{(-4--4)^2 + (5-0)^2}$$
$$\sqrt{(0) + (25)}$$

3)



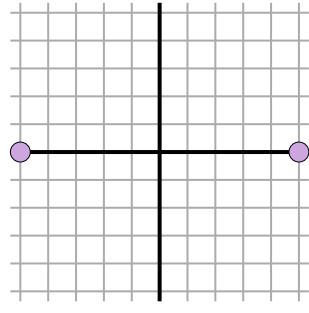
$$\sqrt{(3-3)^2 + (0-4)^2}$$
$$\sqrt{(0) + (16)}$$

6)



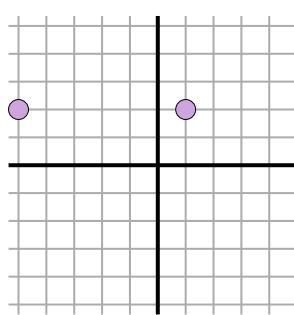
$$\sqrt{(0-4)^2 + (1-1)^2}$$
$$\sqrt{(16) + (0)}$$

9)



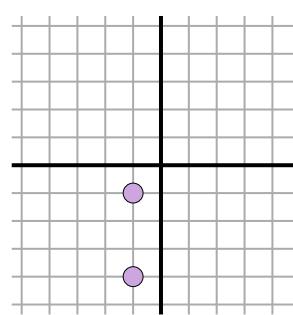
$$\sqrt{(5-5)^2 + (0-0)^2}$$
$$\sqrt{(100) + (0)}$$

1)



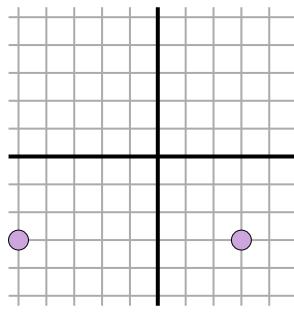
$$\sqrt{(-5-1)^2 + (2-2)^2}$$
$$\sqrt{(36) + (0)}$$

2)



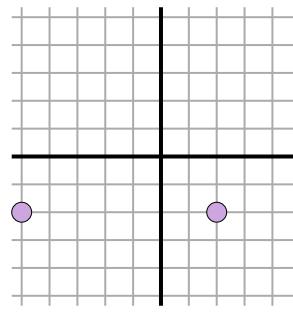
$$\sqrt{(-1--1)^2 + (-1--4)^2}$$
$$\sqrt{(0) + (9)}$$

4)



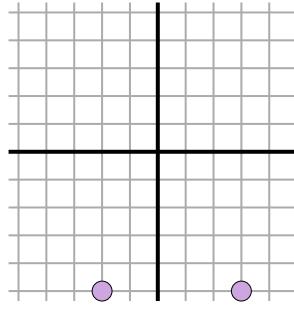
$$\sqrt{(-5-3)^2 + (-3--3)^2}$$
$$\sqrt{(64) + (0)}$$

5)



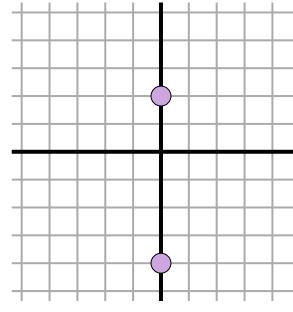
$$\sqrt{(2-5)^2 + (-2--2)^2}$$
$$\sqrt{(49) + (0)}$$

7)



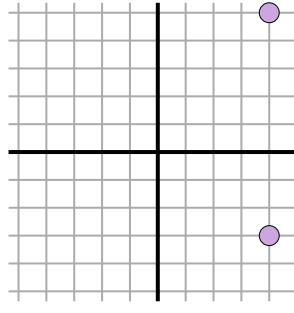
$$\sqrt{(3-2)^2 + (-5--5)^2}$$
$$\sqrt{(25) + (0)}$$

8)



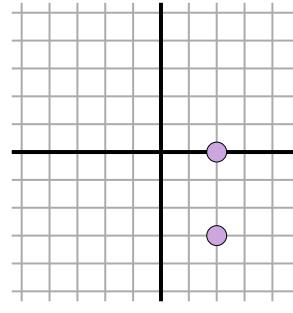
$$\sqrt{(0-0)^2 + (2--4)^2}$$
$$\sqrt{(0) + (36)}$$

10)



$$\sqrt{(4-4)^2 + (-3-5)^2}$$
$$\sqrt{(0) + (64)}$$

11)



$$\sqrt{(2-2)^2 + (0--3)^2}$$
$$\sqrt{(0) + (9)}$$

**Answers**

- Ex. **5**  
1. **6**  
2. **3**  
3. **4**  
4. **8**  
5. **7**  
6. **4**  
7. **5**  
8. **6**  
9. **10**  
10. **8**  
11. **3**