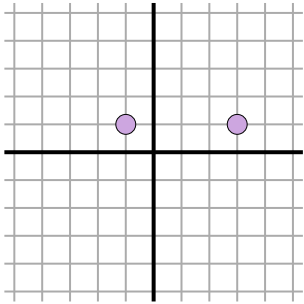




Find the distance between points.

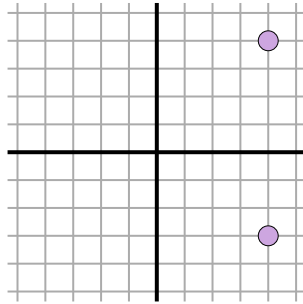
Ex)



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

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

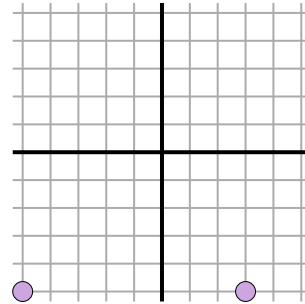
1)



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

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

2)



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

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

Answers

Ex. 4

1. 7

2. 8

3. 5

4. 4

5. 9

6. 6

7. 7

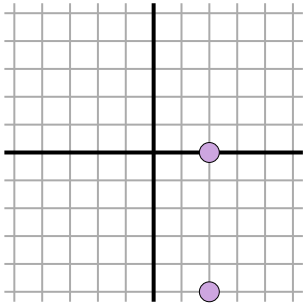
8. 6

9. 5

10. 8

11. 4

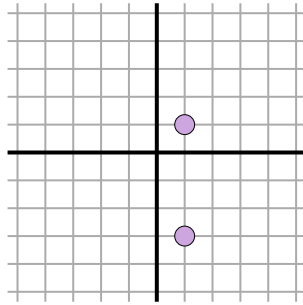
3)



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

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

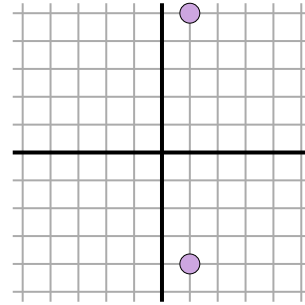
4)



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

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

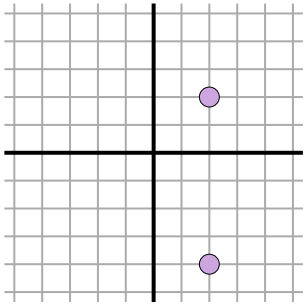
5)



$$\sqrt{(1-1)^2 + (-4-(-5))^2}$$

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

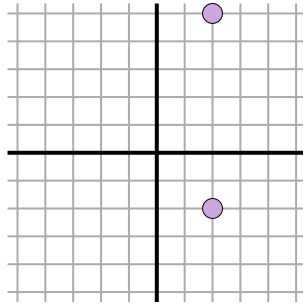
6)



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

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

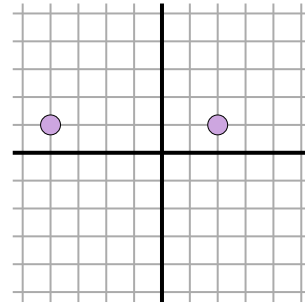
7)



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

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

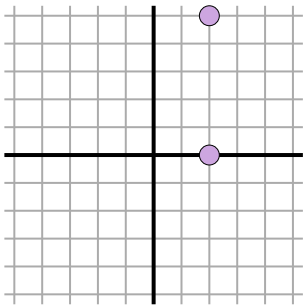
8)



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

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

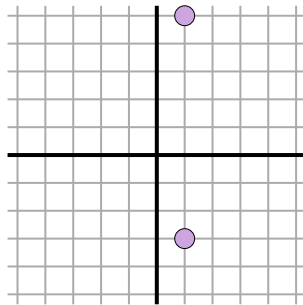
9)



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

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

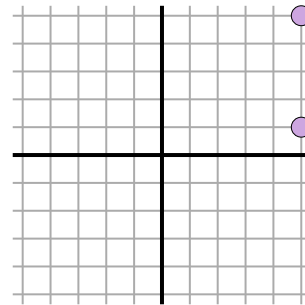
10)



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

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

11)



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

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