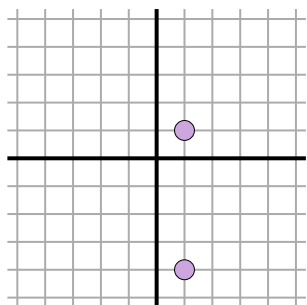




Find the distance between points.

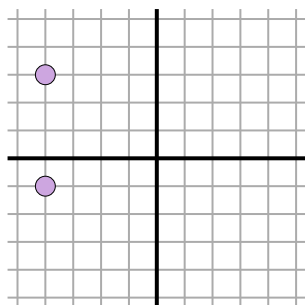
Ex)



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

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

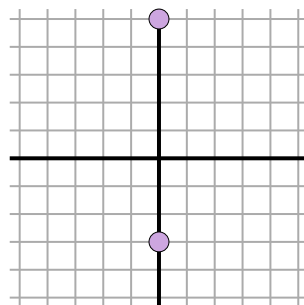
1)



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

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

2)



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

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

Answers

Ex. 5

1. 4

2. 8

3. 8

4. 8

5. 7

6. 4

7. 3

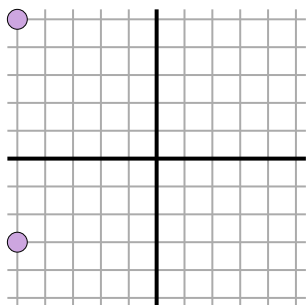
8. 7

9. 8

10. 7

11. 6

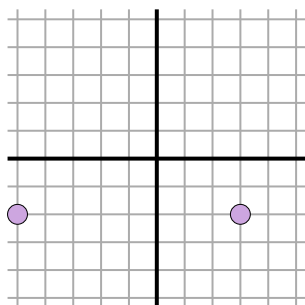
3)



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

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

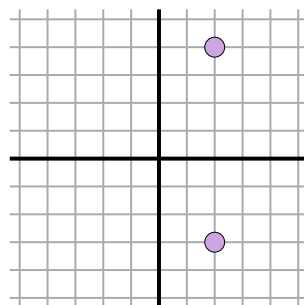
4)



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

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

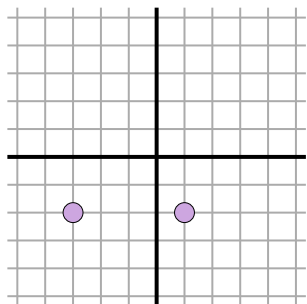
5)



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

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

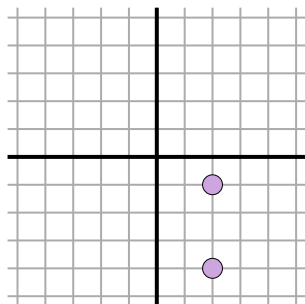
6)



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

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

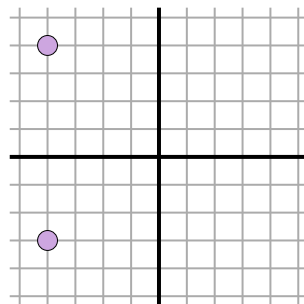
7)



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

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

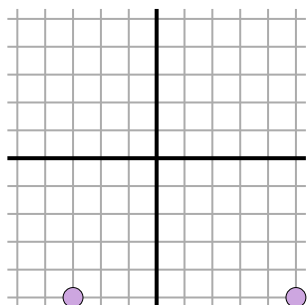
8)



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

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

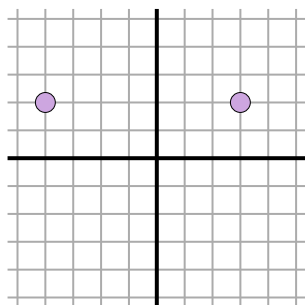
9)



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

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

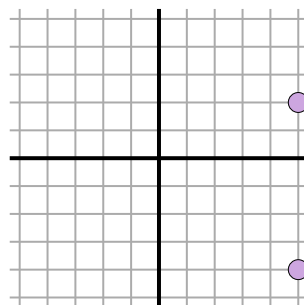
10)



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

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

11)



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

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