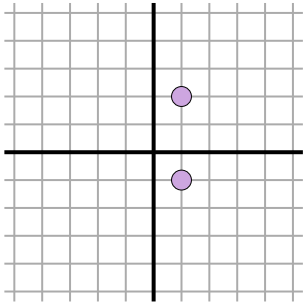






Find the distance between points.

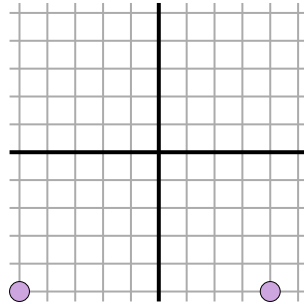
Ex)



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

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

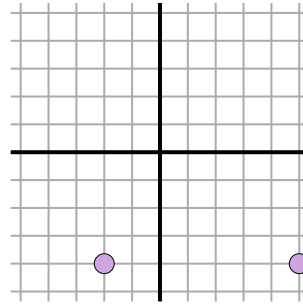
1)



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

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

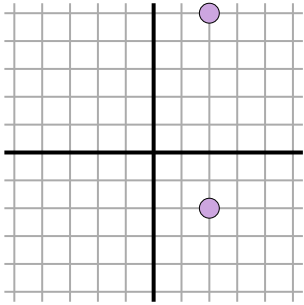
2)



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

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

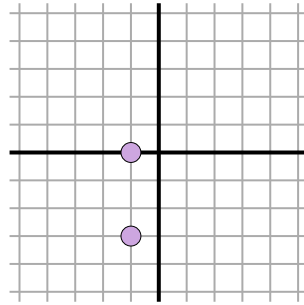
3)



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

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

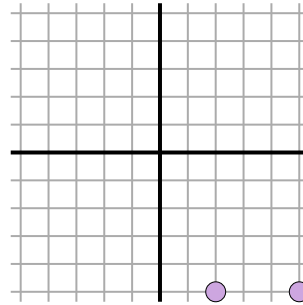
4)



$$\sqrt{(-1--1)^2 + (-3-0)^2}$$

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

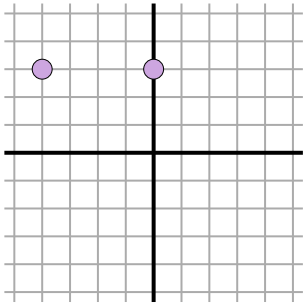
5)



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

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

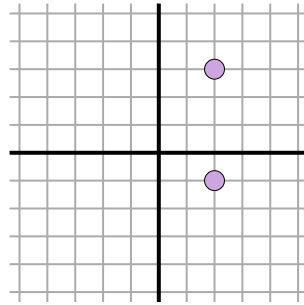
6)



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

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

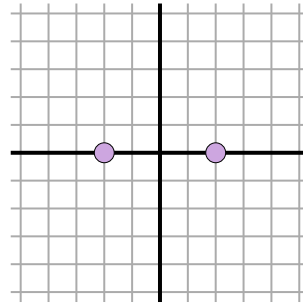
7)



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

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

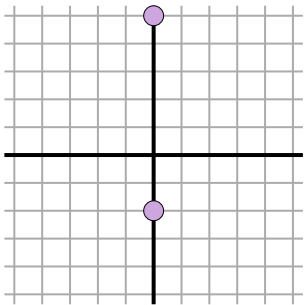
8)



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

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

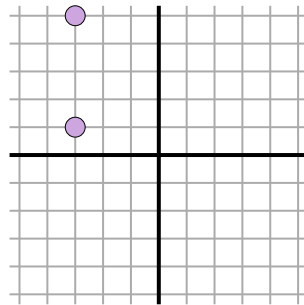
9)



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

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

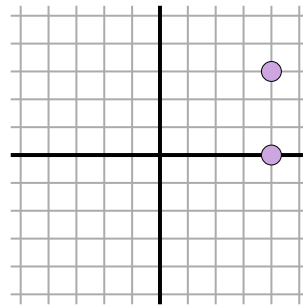
10)



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

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

11)



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

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

Answers

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