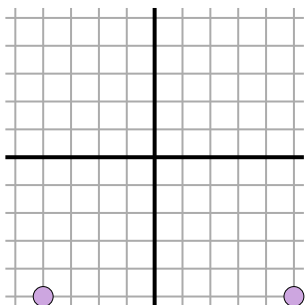
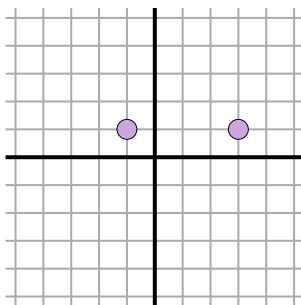


**Find the distance between points.**

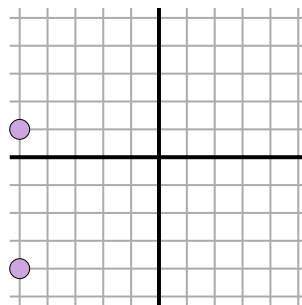
**Ex)**



**1)**



2)



## Answers

Ex. 9

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

2.

3.

4.

5.

6.

7.

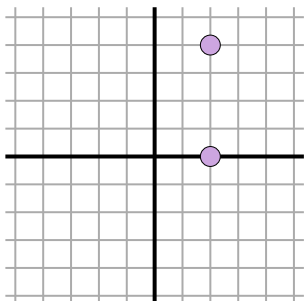
8.

9.

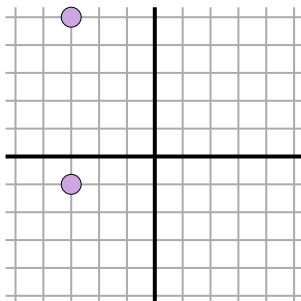
10.

11.

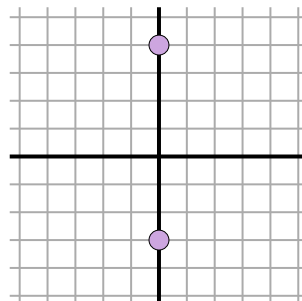
3)



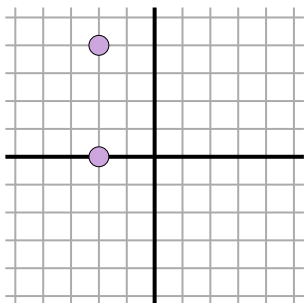
4)



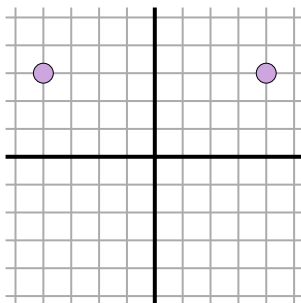
5)



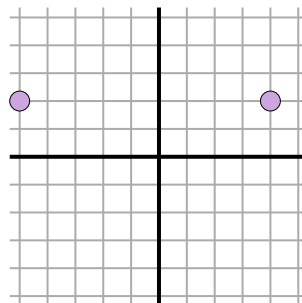
**6)**



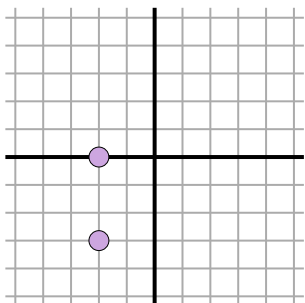
7)



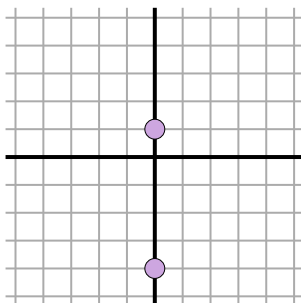
**8)**



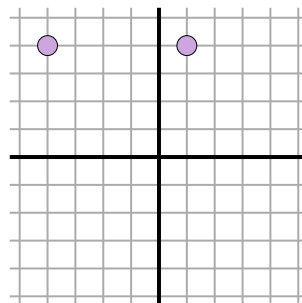
9)



**10)**



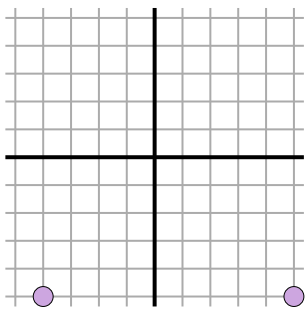
**11)**





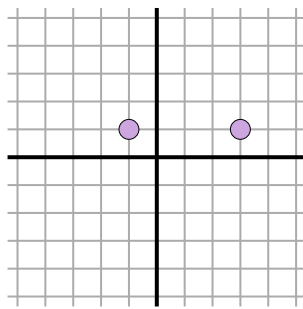
Find the distance between points.

Ex)



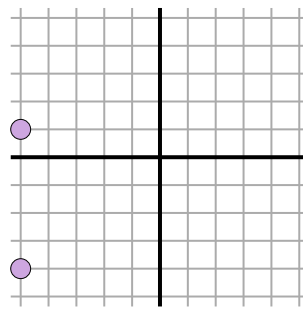
$$\sqrt{(5--4)^2 + (-5--5)^2}$$
$$\sqrt{(81) + (0)}$$

1)



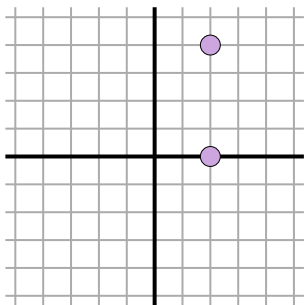
$$\sqrt{(-1-3)^2 + (1-1)^2}$$
$$\sqrt{(16) + (0)}$$

2)



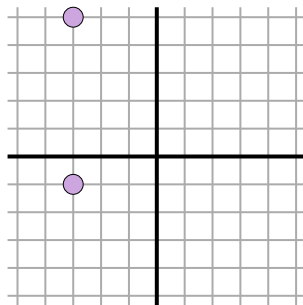
$$\sqrt{(-5--5)^2 + (-4-1)^2}$$
$$\sqrt{(0) + (25)}$$

3)



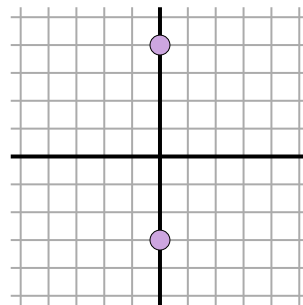
$$\sqrt{(2-2)^2 + (0-4)^2}$$
$$\sqrt{(0) + (16)}$$

4)



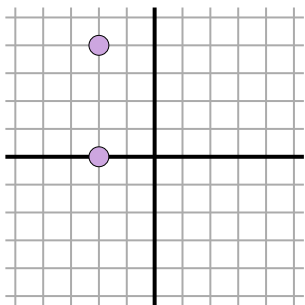
$$\sqrt{(-3--3)^2 + (-1-5)^2}$$
$$\sqrt{(0) + (36)}$$

5)



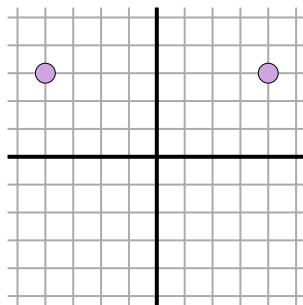
$$\sqrt{(0-0)^2 + (4--3)^2}$$
$$\sqrt{(0) + (49)}$$

6)



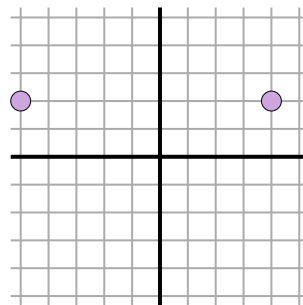
$$\sqrt{(-2--2)^2 + (0-4)^2}$$
$$\sqrt{(0) + (16)}$$

7)



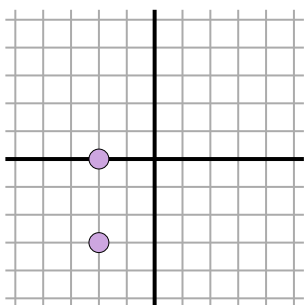
$$\sqrt{(4--4)^2 + (3-3)^2}$$
$$\sqrt{(64) + (0)}$$

8)



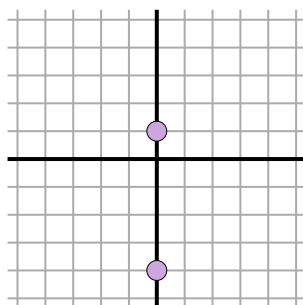
$$\sqrt{(-5-4)^2 + (2-2)^2}$$
$$\sqrt{(81) + (0)}$$

9)



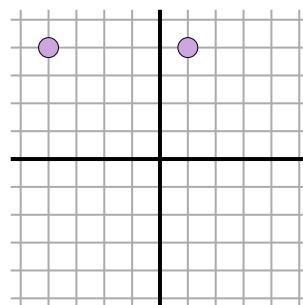
$$\sqrt{(-2--2)^2 + (0--3)^2}$$
$$\sqrt{(0) + (9)}$$

10)



$$\sqrt{(0-0)^2 + (1--4)^2}$$
$$\sqrt{(0) + (25)}$$

11)



$$\sqrt{(-4-1)^2 + (4-4)^2}$$
$$\sqrt{(25) + (0)}$$

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