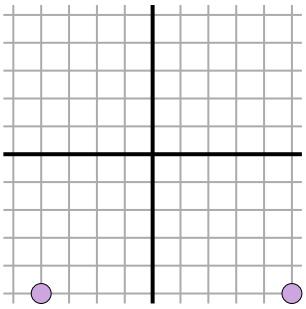
Finding Distance on a Grid

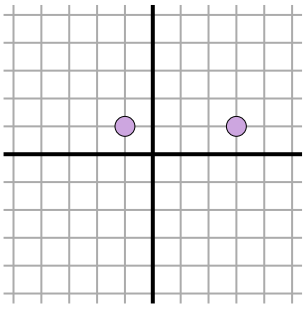
Name:

**Find the distance between points.**

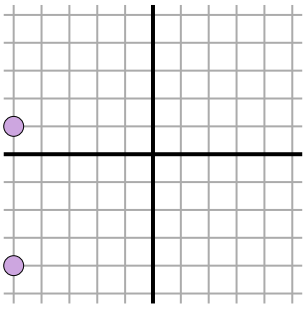
Ex)



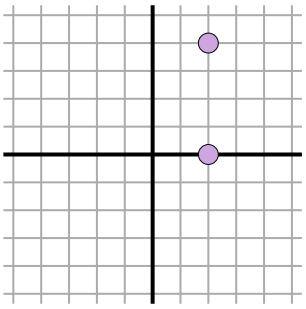
1)



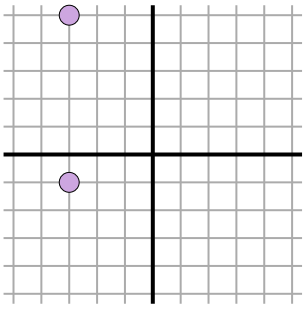
2)



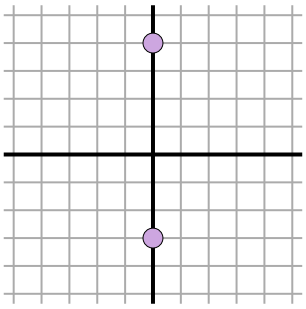
3)



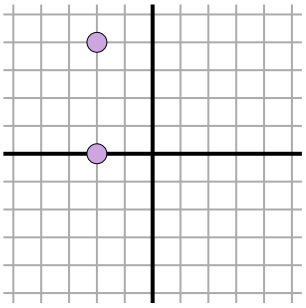
4)



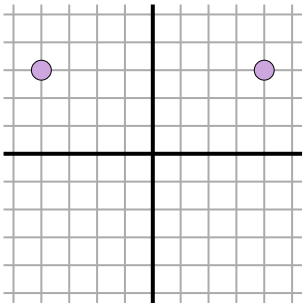
5)



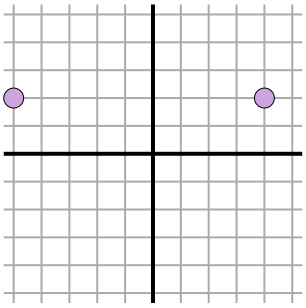
6)



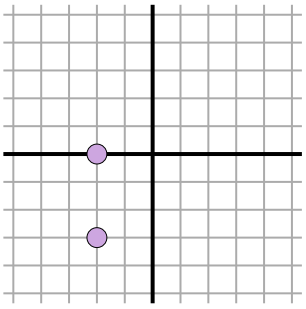
7)



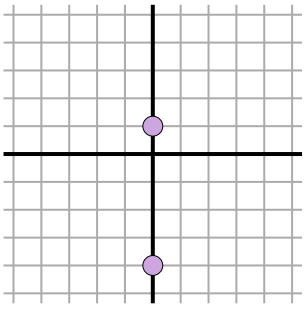
8)



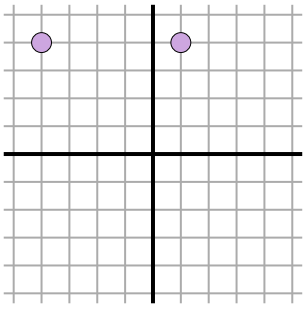
9)



10)



11)



**Answers**

Ex. 9

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____



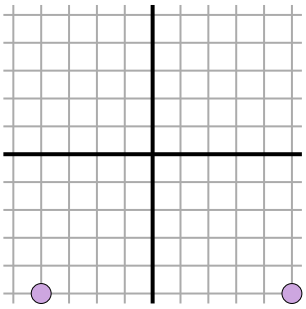
| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1-10 | 91 | 82 | 73 | 64 | 55 | 45 | 36 | 27 | 18 | 9 |
| 11 | 0 | | | | | | | | | |

Finding Distance on a Grid

Name: **Answer Key**

**Find the distance between points.**

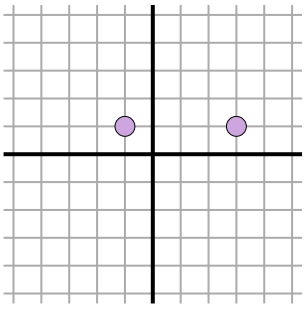
**Ex)**



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

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

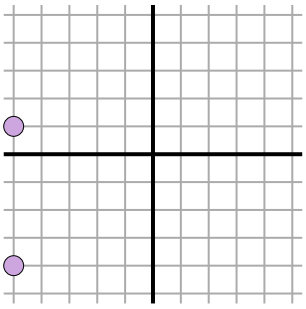
**1)**



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

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

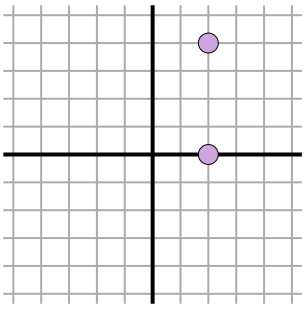
**2)**



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

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

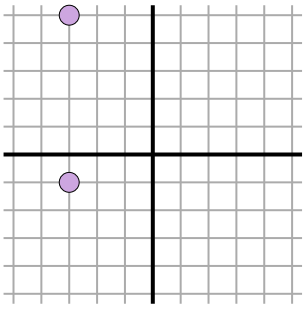
**3)**



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

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

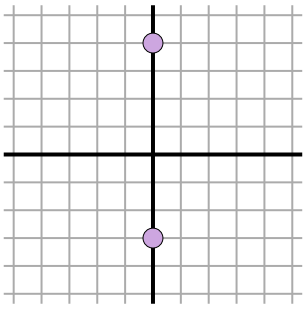
**4)**



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

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

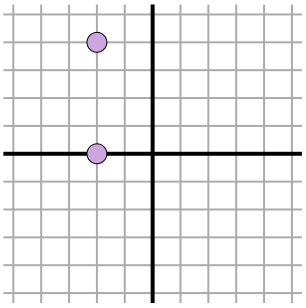
**5)**



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

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

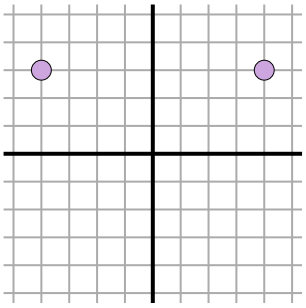
**6)**



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

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

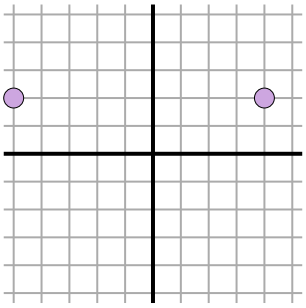
**7)**



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

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

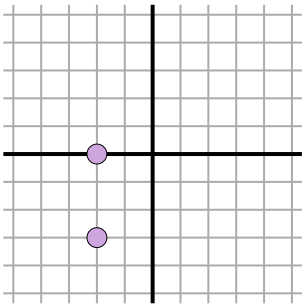
**8)**



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

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

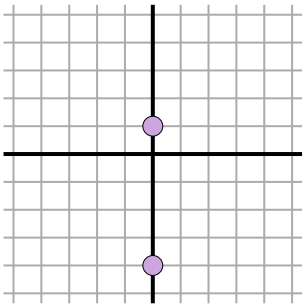
**9)**



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

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

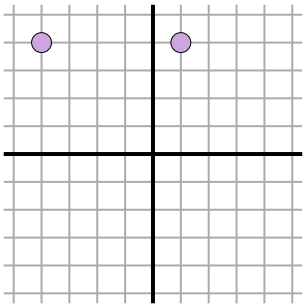
**10)**



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

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

**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 |



| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1-10 | 91 | 82 | 73 | 64 | 55 | 45 | 36 | 27 | 18 | 9 |
| 11 | 0 | | | | | | | | | |