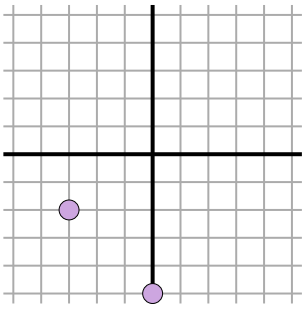
Finding Distance on a Grid

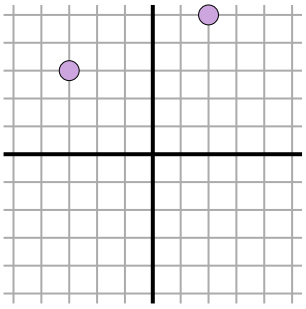
Name:

**Find the distance between points. Round your answer to the nearest tenth.**

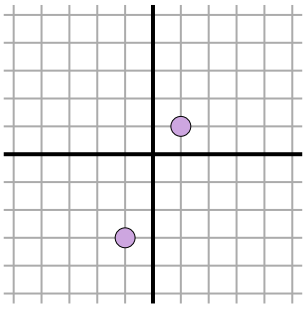
**Ex)**



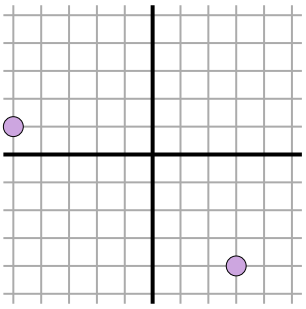
**1)**



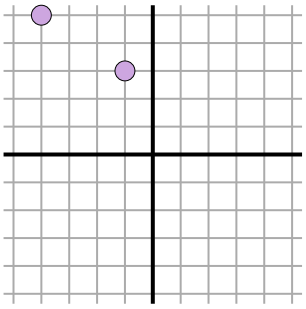
**2)**



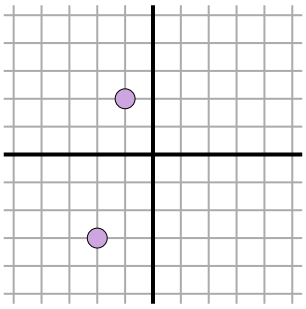
**3)**



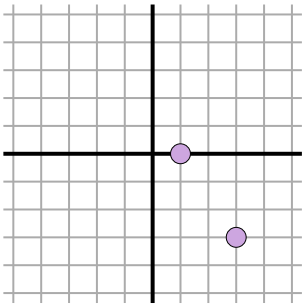
**4)**



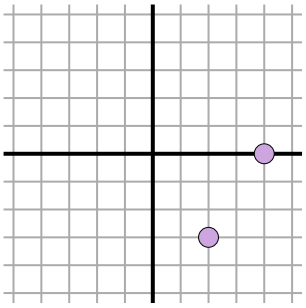
**5)**



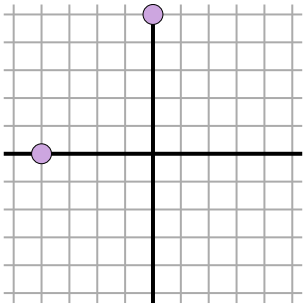
**6)**



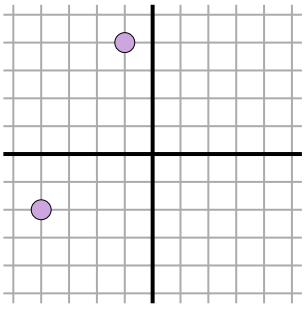
**7)**



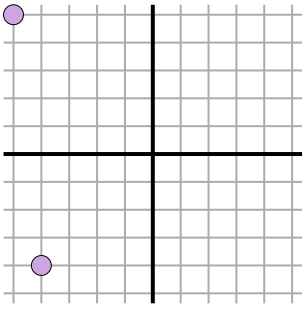
**8)**



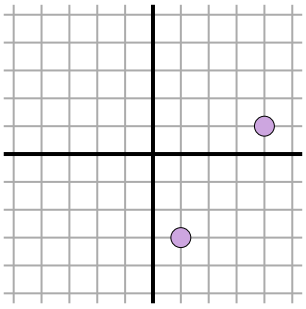
**9)**



**10)**



**11)**



## Answers

Ex. 4.2

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



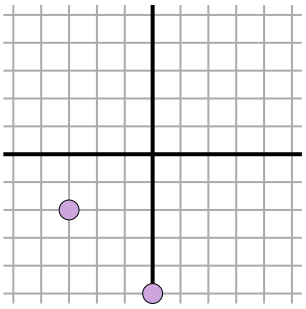
| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1-10 | 91 | 82 | 73 | 64 | 55 | 45 | 36 | 27 | 18 | 9 |
| 11 | 0 | | | | | | | | | |

Finding Distance on a Grid

Name: **Answer Key**

**Find the distance between points. Round your answer to the nearest tenth.**

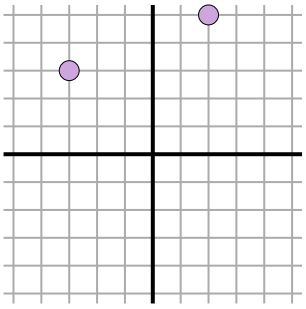
**Ex)**



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

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

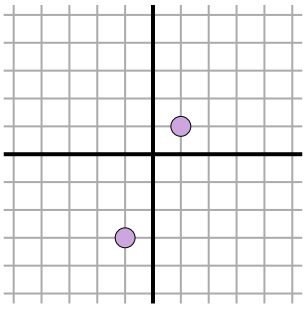
**1)**



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

$\sqrt{(25) + (4)}$

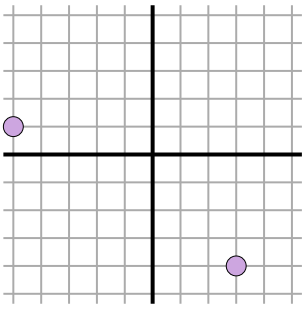
**2)**



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

$\sqrt{(4) + (16)}$

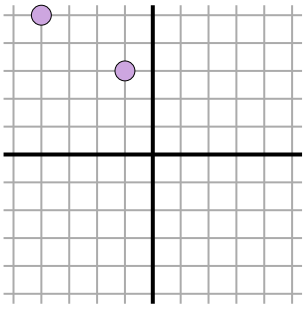
**3)**



$\sqrt{(3--5)^2 + (-4-1)^2}$

$\sqrt{(64) + (25)}$

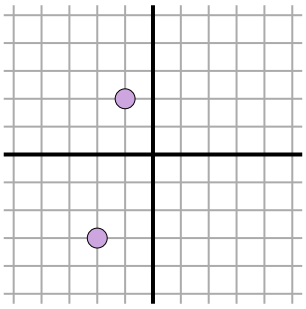
**4)**



$\sqrt{(-4--1)^2 + (5-3)^2}$

$\sqrt{(9) + (4)}$

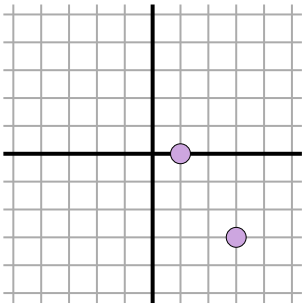
**5)**



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

$\sqrt{(1) + (25)}$

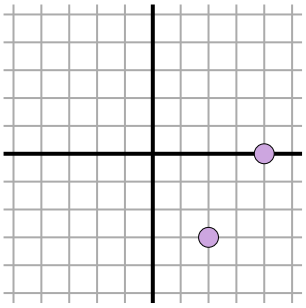
**6)**



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

$\sqrt{(4) + (9)}$

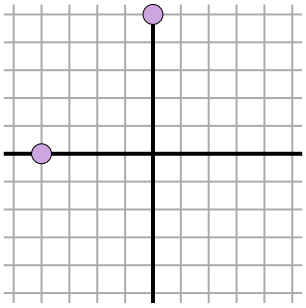
**7)**



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

$\sqrt{(4) + (9)}$

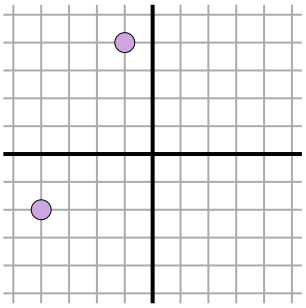
**8)**



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

$\sqrt{(16) + (25)}$

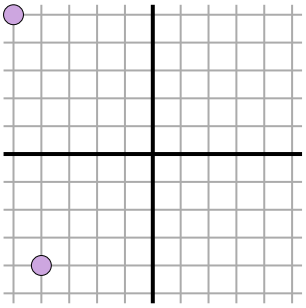
**9)**



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

$\sqrt{(9) + (36)}$

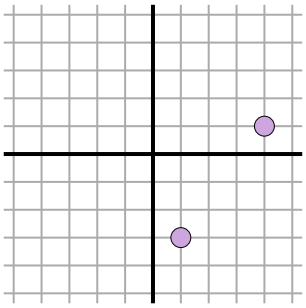
**10)**



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

$\sqrt{(1) + (81)}$

**11)**



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

$\sqrt{(9) + (16)}$

## Answers

| | |
|---|---|
| Ex. | 4.2 |
| 1. | 5.4 |
| 2. | 4.5 |
| 3. | 9.4 |
| 4. | 3.6 |
| 5. | 5.1 |
| 6. | 3.6 |
| 7. | 3.6 |
| 8. | 6.4 |
| 9. | 6.7 |
| 10. | 9.1 |
| 11. | 5 |



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