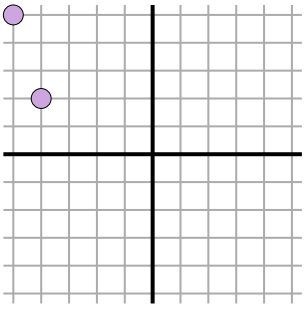
Finding Distance on a Grid

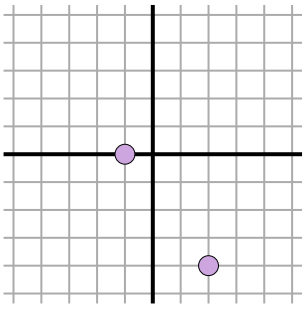
Name:

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

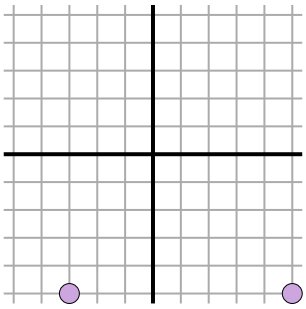
Ex)



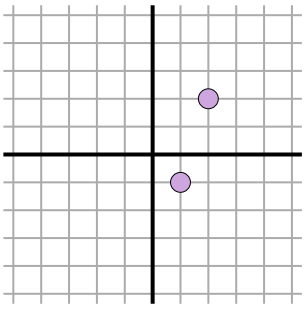
1)



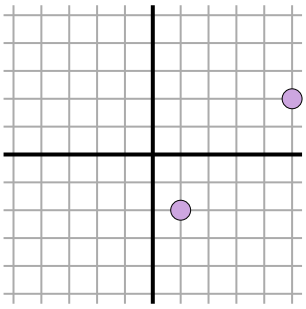
2)



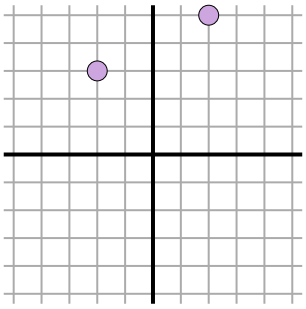
3)



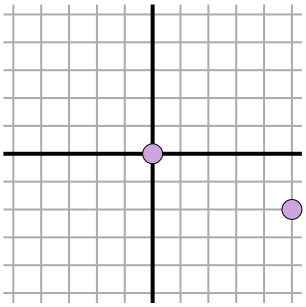
4)



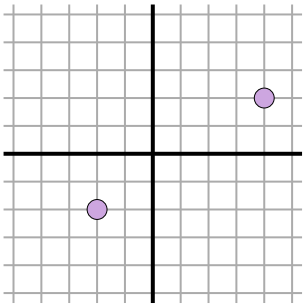
5)



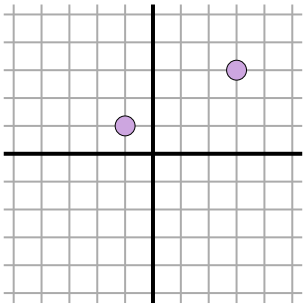
6)



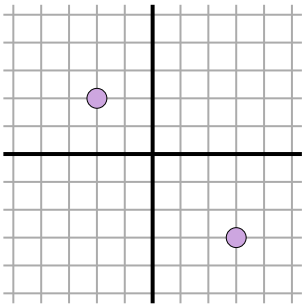
7)



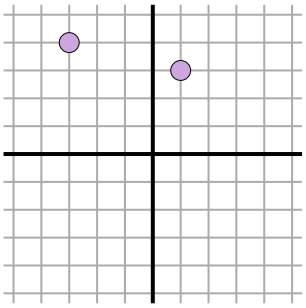
8)



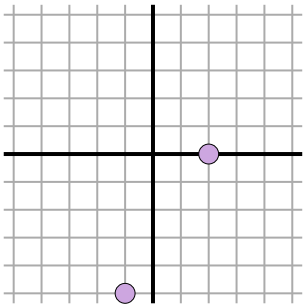
9)



10)



11)



**Answers**

Ex. 3.2

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



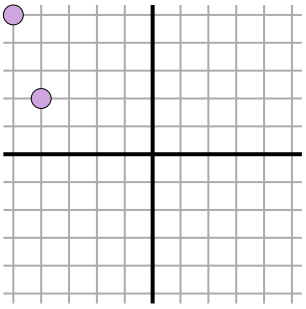
| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1-10 | 91 | 82 | 73 | 64 | 55 | 45 | 36 | 27 | 18 | 9 |
| 11 | 0 | | | | | | | | | |

Finding Distance on a Grid

Name: **Answer Key**

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

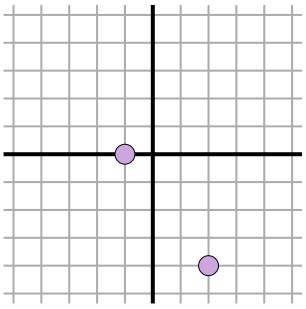
**Ex)**



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

$\sqrt{(1) + (9)}$

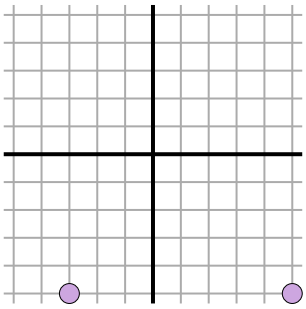
**1)**



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

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

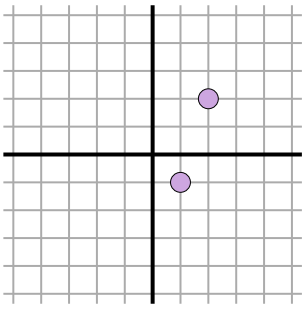
**2)**



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

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

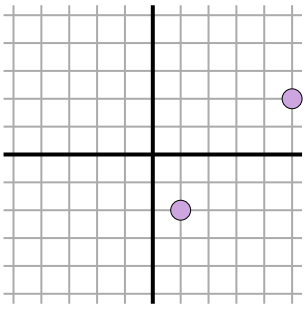
**3)**



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

$\sqrt{(1) + (9)}$

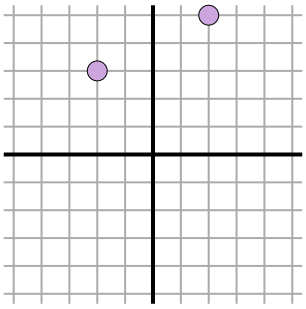
**4)**



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

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

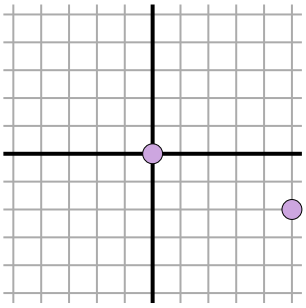
**5)**



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

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

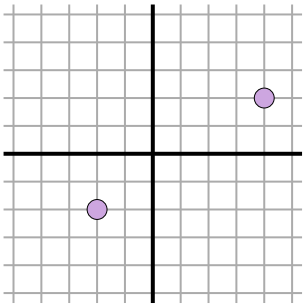
**6)**



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

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

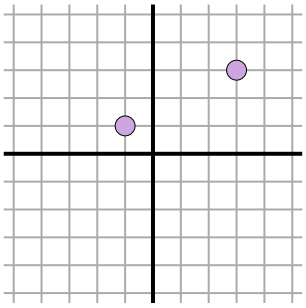
**7)**



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

$\sqrt{(36) + (16)}$

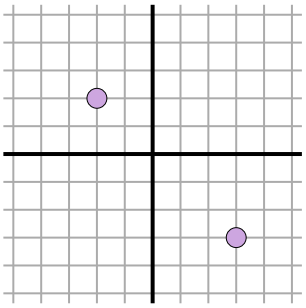
**8)**



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

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

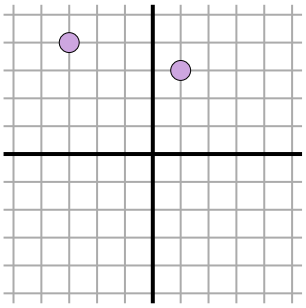
**9)**



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

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

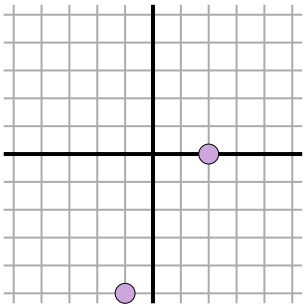
**10)**



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

$\sqrt{(16) + (1)}$

**11)**



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

$\sqrt{(9) + (25)}$

## Answers

| | |
|---|---|
| Ex. | 3.2 |
| 1. | 5 |
| 2. | 8 |
| 3. | 3.2 |
| 4. | 5.7 |
| 5. | 4.5 |
| 6. | 5.4 |
| 7. | 7.2 |
| 8. | 4.5 |
| 9. | 7.1 |
| 10. | 4.1 |
| 11. | 5.8 |



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