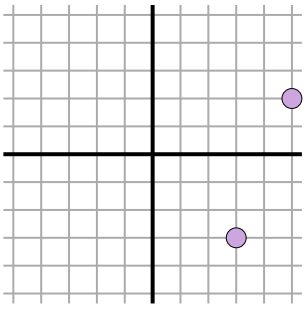
Finding Distance on a Grid

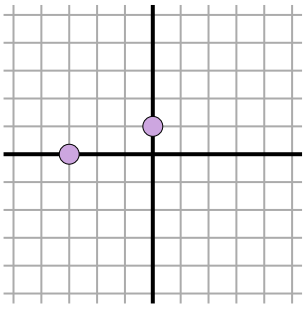
Name:

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

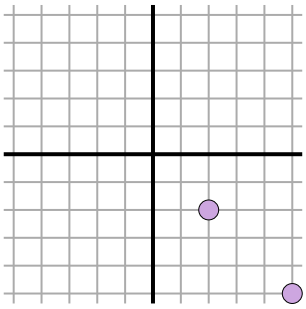
Ex)



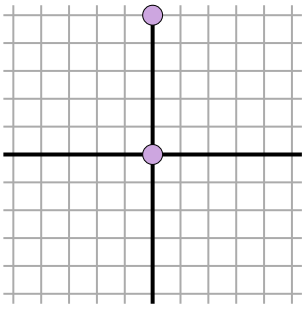
1)



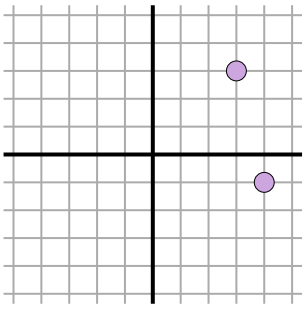
2)



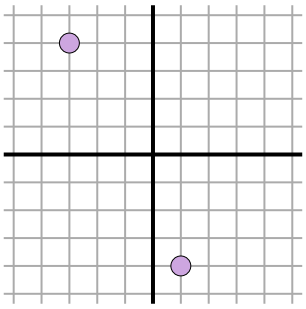
3)



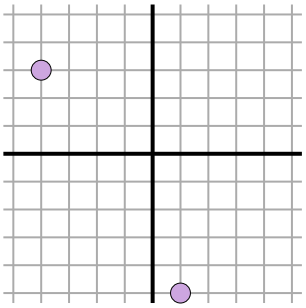
4)



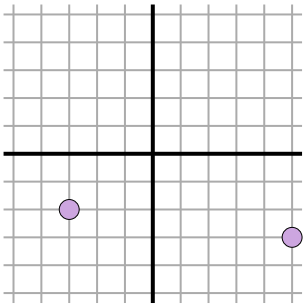
5)



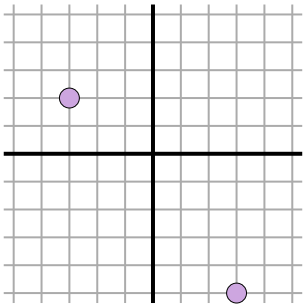
6)



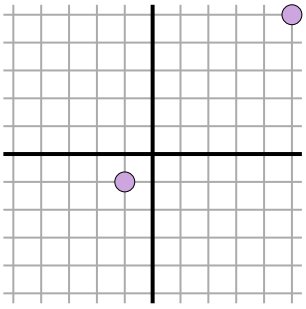
7)



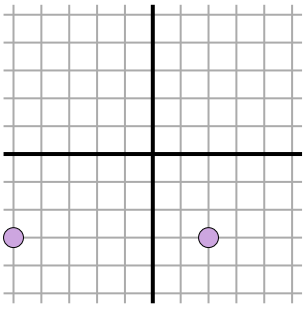
8)



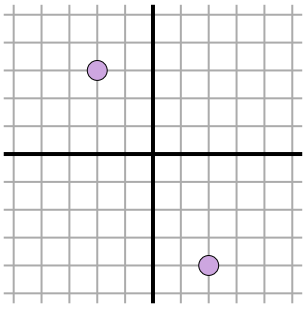
9)



10)



11)



Answers

Ex. 5.4

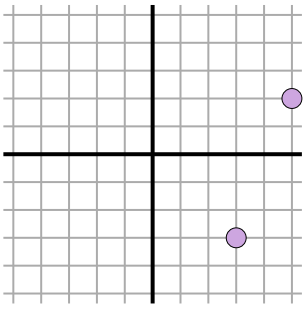
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____

Finding Distance on a Grid

Name: **Answer Key**

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

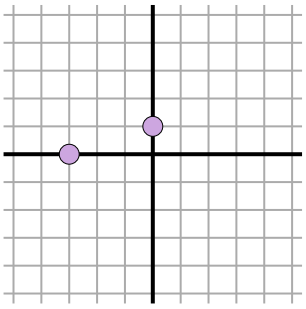
Ex)



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

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

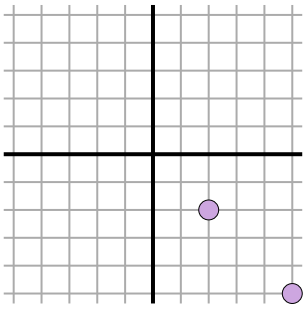
1)



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

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

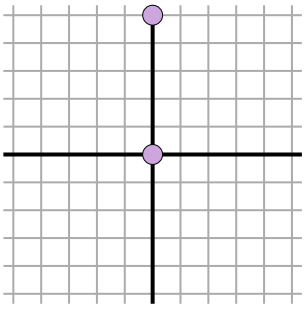
2)



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

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

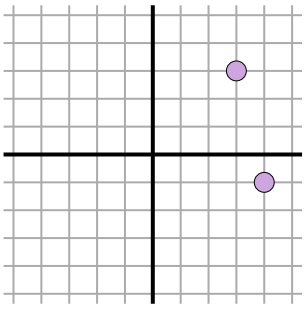
3)



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

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

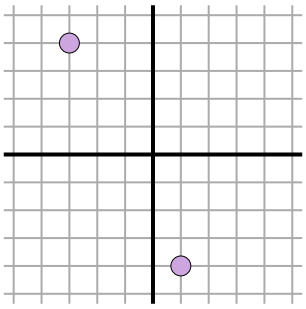
4)



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

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

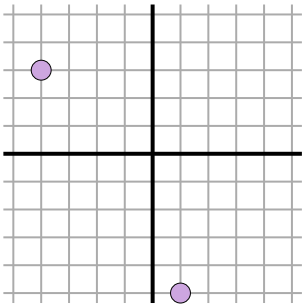
5)



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

$\sqrt{(16) + (64)}$

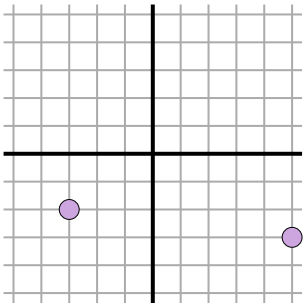
6)



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

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

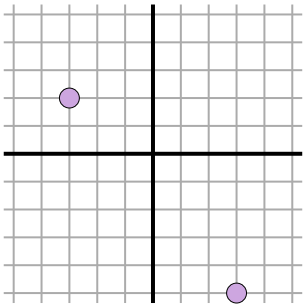
7)



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

$\sqrt{(64) + (1)}$

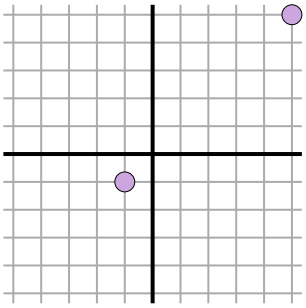
8)



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

$\sqrt{(36) + (49)}$

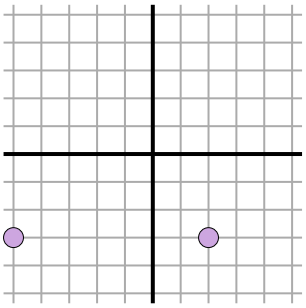
9)



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

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

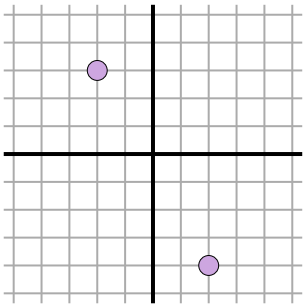
10)



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

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

11)



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

$\sqrt{(16) + (49)}$

Answers

Ex.	5.4
1.	3.2
2.	4.2
3.	5
4.	4.1
5.	8.9
6.	9.4
7.	8.1
8.	9.2
9.	8.5
10.	7
11.	8.1