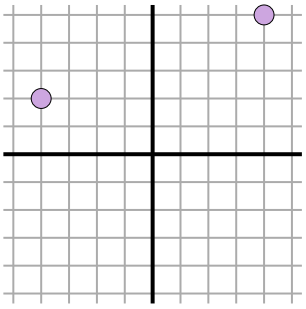
Finding Distance on a Grid

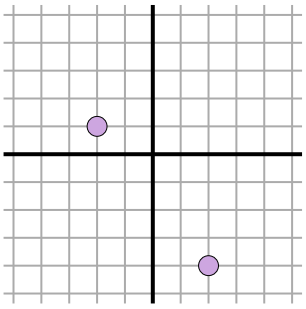
Name:

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

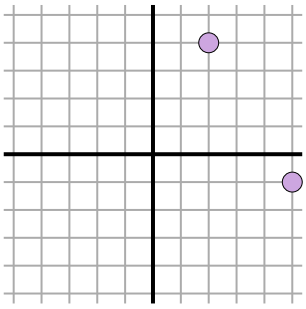
Ex)



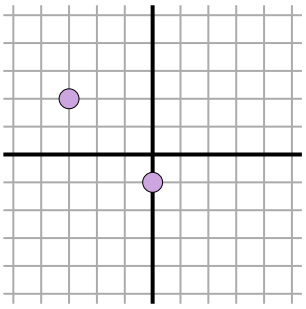
1)



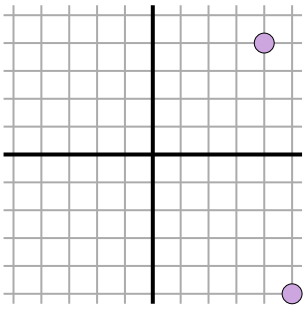
2)



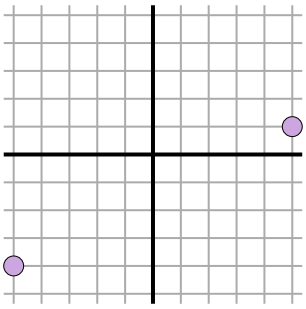
3)



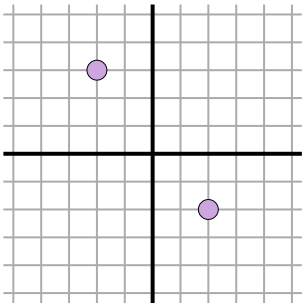
4)



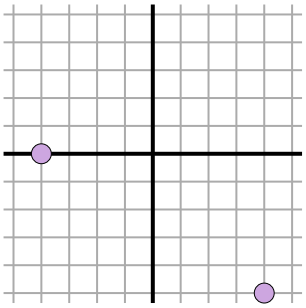
5)



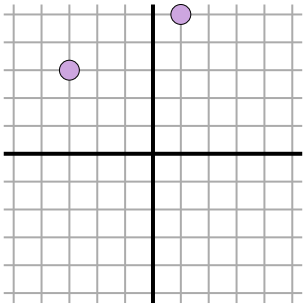
6)



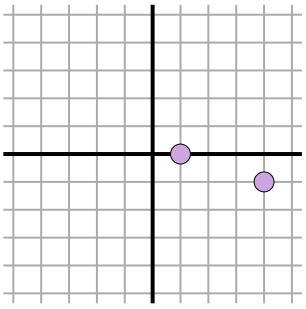
7)



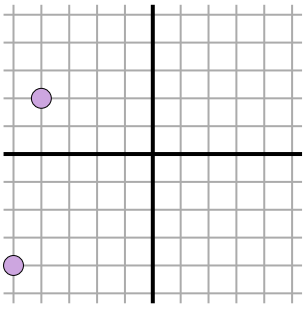
8)



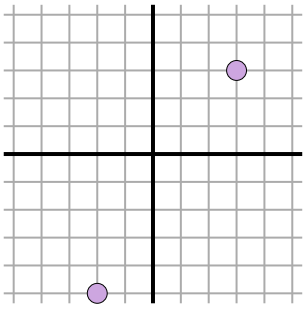
9)



10)



11)



Answers

Ex. 8.5

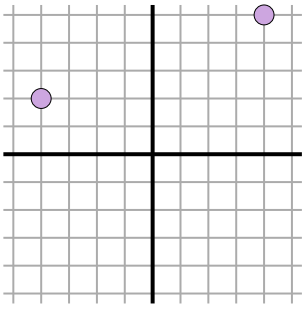
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____

Finding Distance on a Grid

Name: **Answer Key**

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

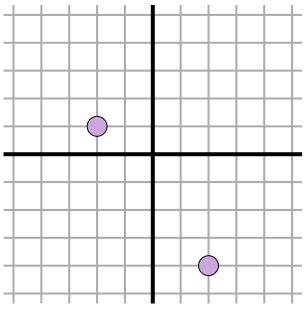
Ex)



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

$\sqrt{(64) + (9)}$

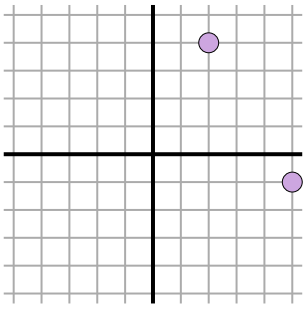
1)



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

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

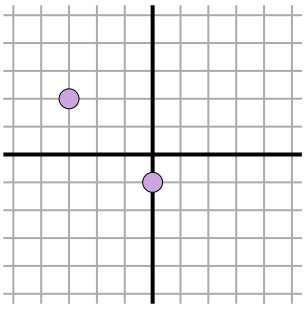
2)



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

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

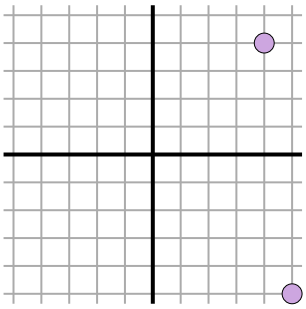
3)



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

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

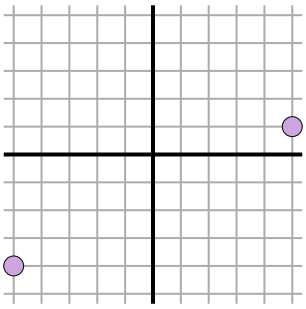
4)



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

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

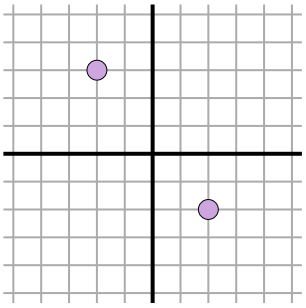
5)



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

$\sqrt{(100) + (25)}$

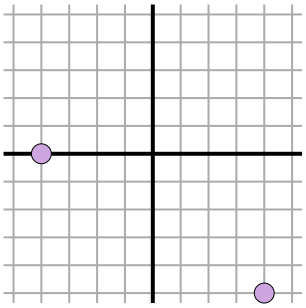
6)



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

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

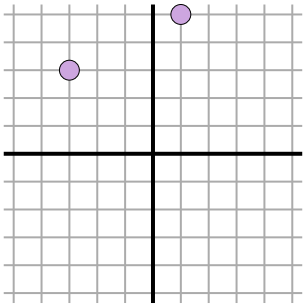
7)



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

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

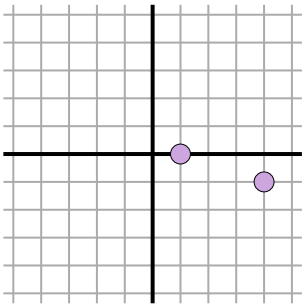
8)



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

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

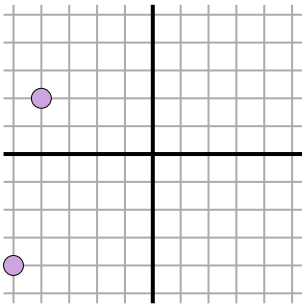
9)



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

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

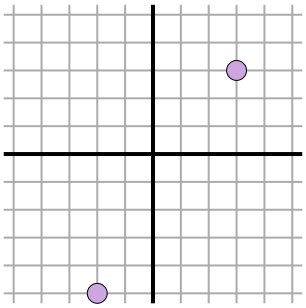
10)



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

$\sqrt{(1) + (36)}$

11)



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

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

Answers

Ex.	8.5
1.	6.4
2.	5.8
3.	4.2
4.	9.1
5.	11.2
6.	6.4
7.	9.4
8.	4.5
9.	3.2
10.	6.1
11.	9.4