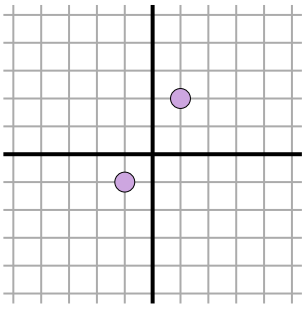
Finding Distance on a Grid

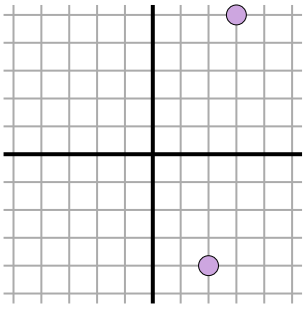
Name:

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

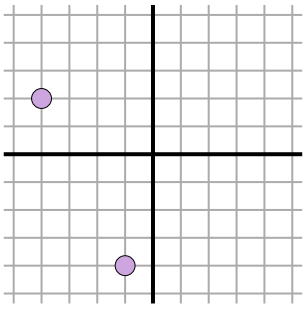
Ex)



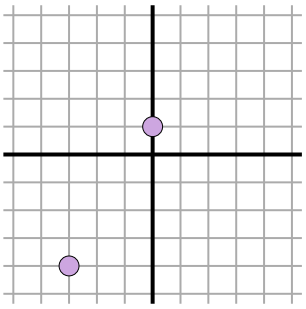
1)



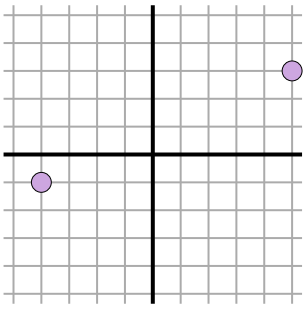
2)



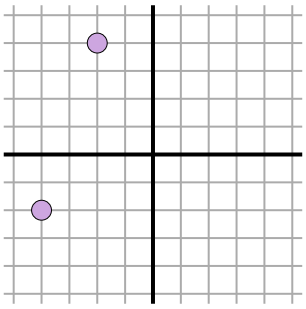
3)



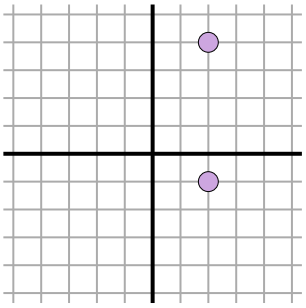
4)



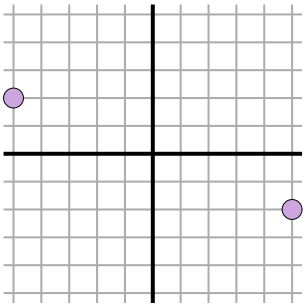
5)



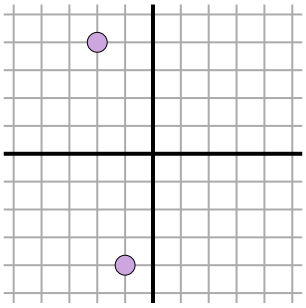
6)



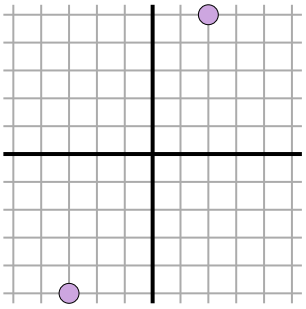
7)



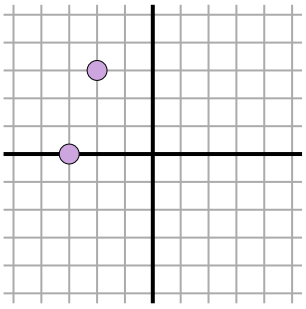
8)



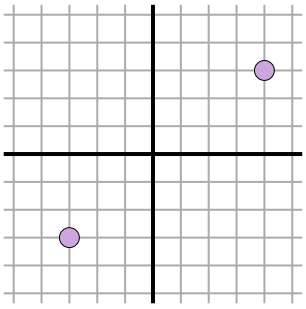
9)



10)



11)



Answers

Ex. 3.6

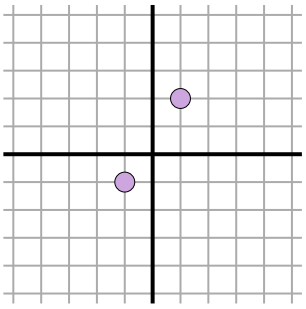
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____

Finding Distance on a Grid

Name: **Answer Key**

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

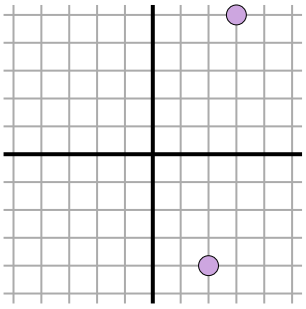
Ex)



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

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

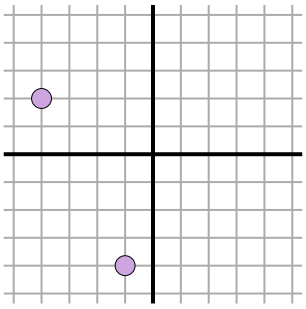
1)



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

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

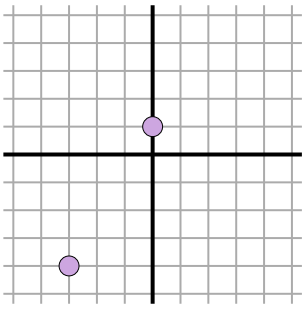
2)



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

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

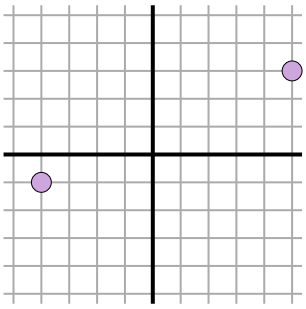
3)



$\sqrt{(-3-0)^2 + (-4-1)^2}$

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

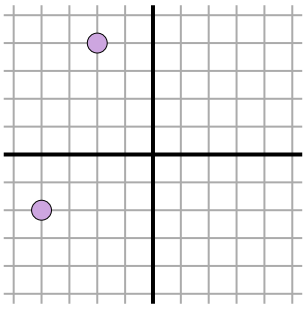
4)



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

$\sqrt{(81) + (16)}$

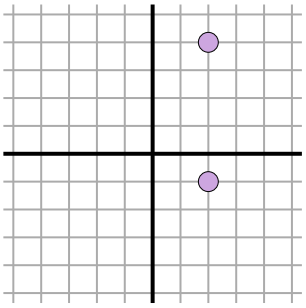
5)



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

$\sqrt{(4) + (36)}$

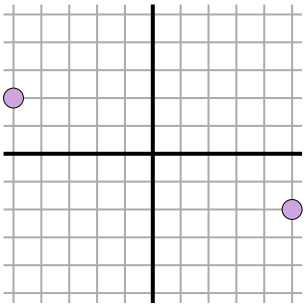
6)



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

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

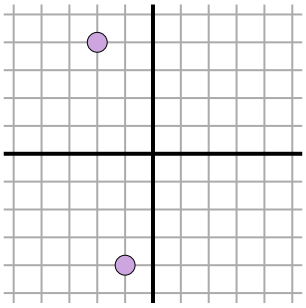
7)



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

$\sqrt{(100) + (16)}$

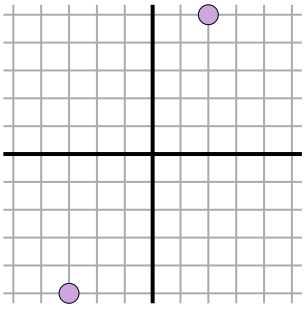
8)



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

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

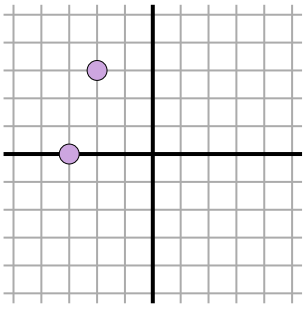
9)



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

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

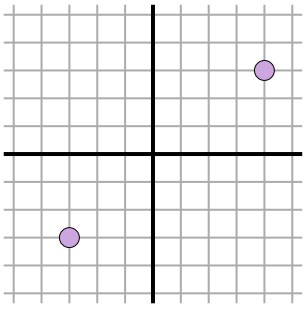
10)



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

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

11)



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

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

Answers

Ex.	3.6
1.	9.1
2.	6.7
3.	5.8
4.	9.8
5.	6.3
6.	5
7.	10.8
8.	8.1
9.	11.2
10.	3.2
11.	9.2