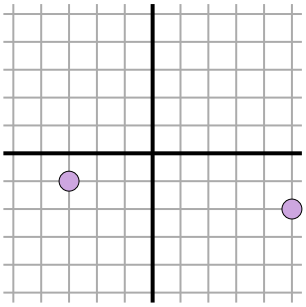
Finding Distance on a Grid

Name:

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

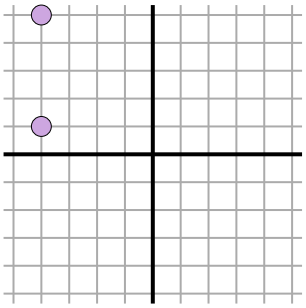
Ex)



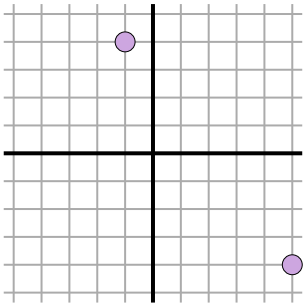
$\sqrt{(-3-5)^2 + (-1--2)^2}$

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

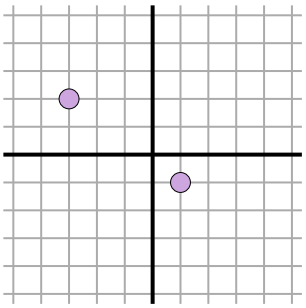
1)



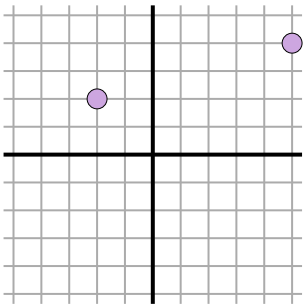
2)



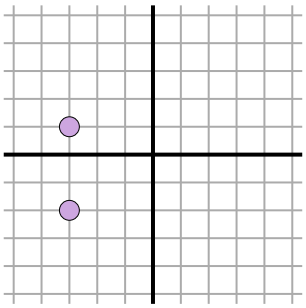
3)



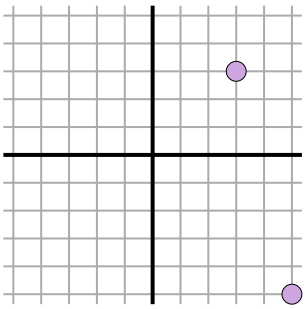
4)



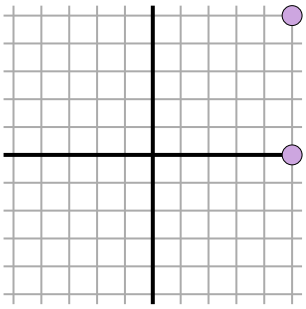
5)



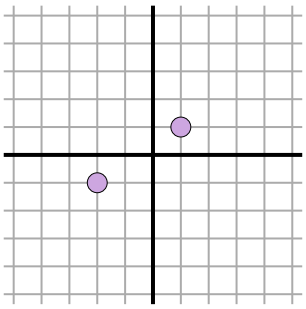
6)



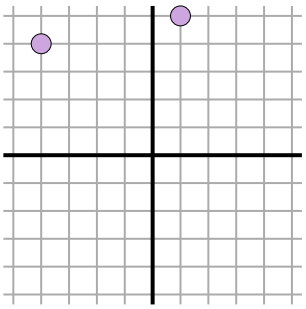
7)



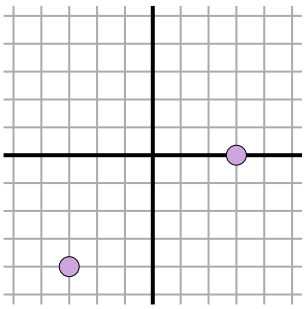
8)



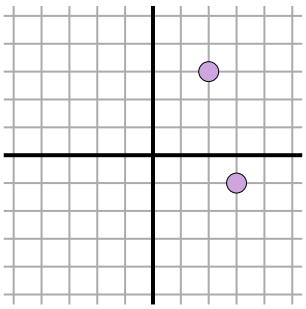
9)



10)



11)



Answers

Ex. 8.1

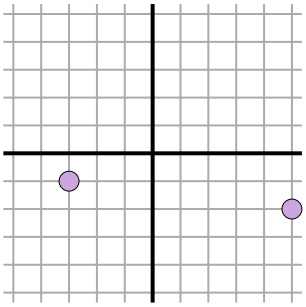
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____

Finding Distance on a Grid

Name: **Answer Key**

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

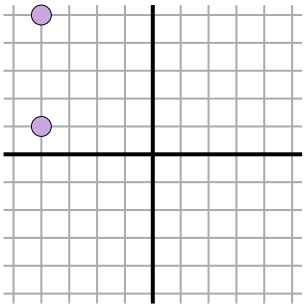
Ex)



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

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

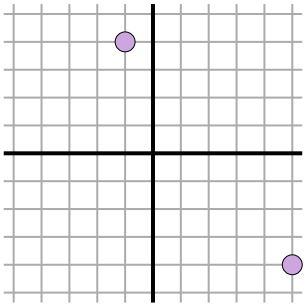
1)



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

$\sqrt{(0) + (16)}$

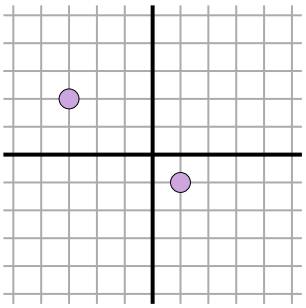
2)



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

$\sqrt{(36) + (64)}$

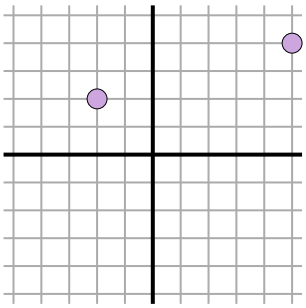
3)



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

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

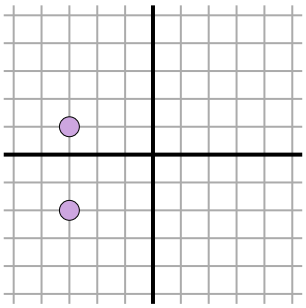
4)



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

$\sqrt{(49) + (4)}$

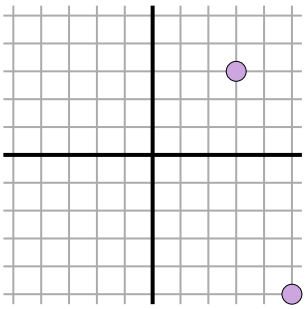
5)



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

$\sqrt{(0) + (9)}$

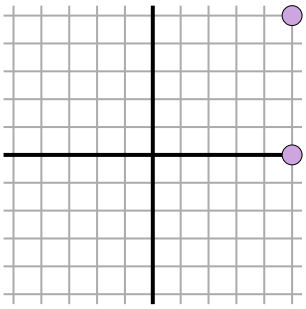
6)



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

$\sqrt{(4) + (64)}$

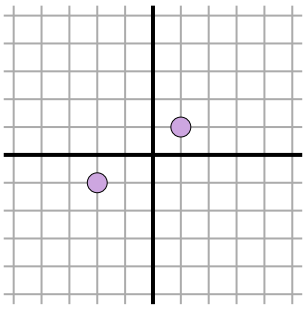
7)



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

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

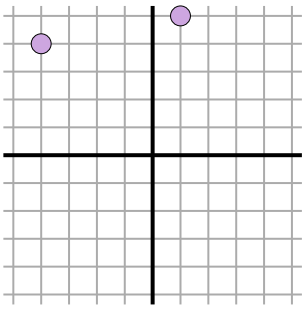
8)



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

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

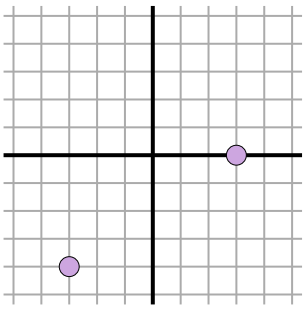
9)



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

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

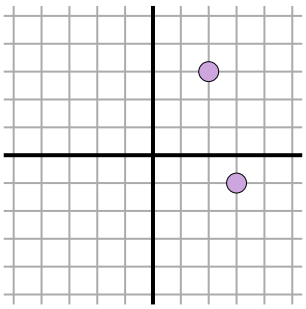
10)



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

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

11)



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

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

Answers

Ex.	8.1
1.	4
2.	10
3.	5
4.	7.3
5.	3
6.	8.2
7.	5
8.	3.6
9.	5.1
10.	7.2
11.	4.1