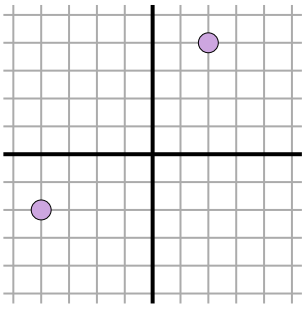
Finding Distance on a Grid

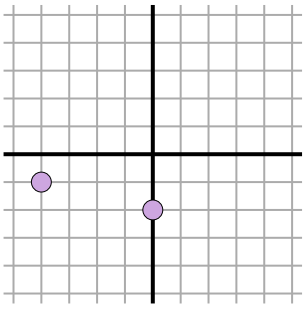
Name:

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

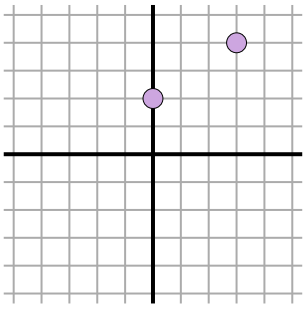
Ex)



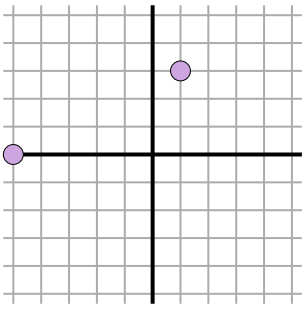
1)



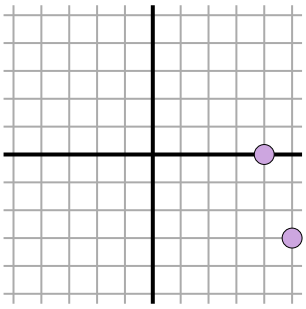
2)



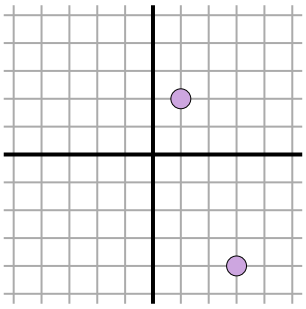
3)



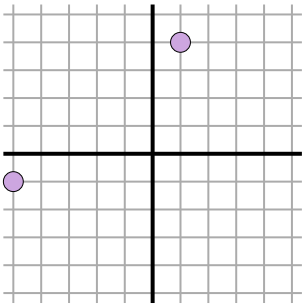
4)



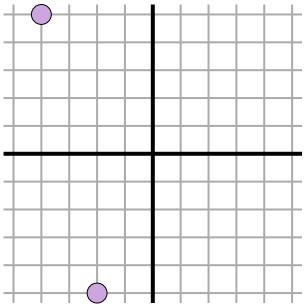
5)



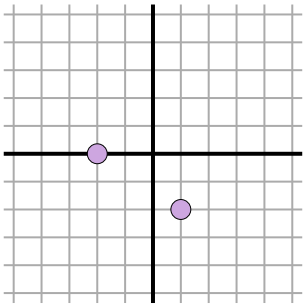
6)



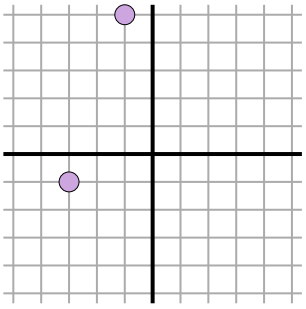
7)



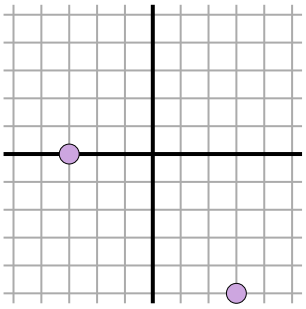
8)



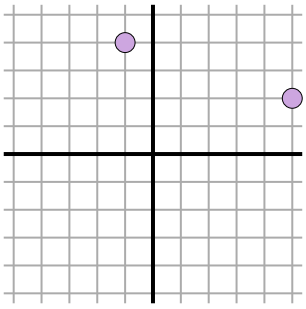
9)



10)



11)



Answers

Ex. **8.5**

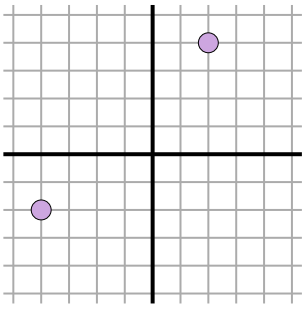
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____

Finding Distance on a Grid

Name: **Answer Key**

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

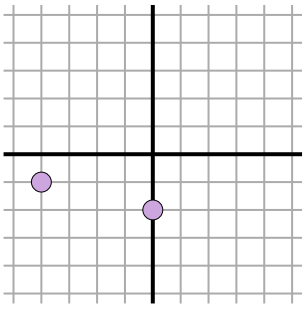
Ex)



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

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

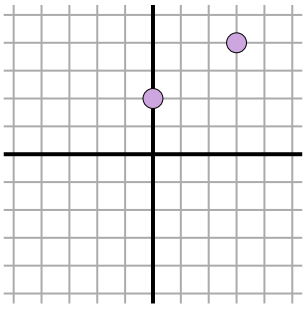
1)



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

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

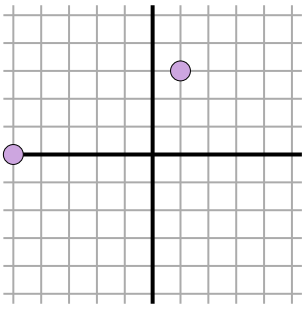
2)



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

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

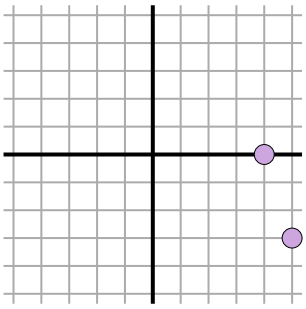
3)



$\sqrt{(1--5)^2 + (3-0)^2}$

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

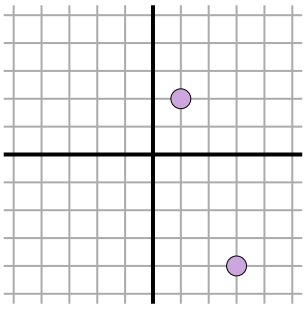
4)



$\sqrt{(4-5)^2 + (0--3)^2}$

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

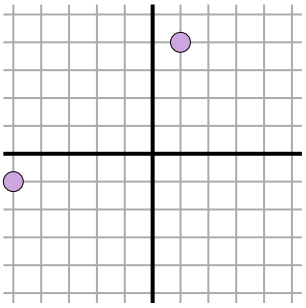
5)



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

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

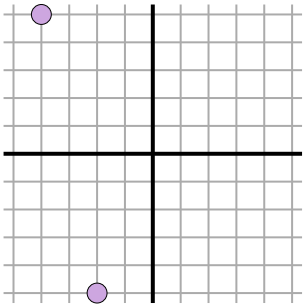
6)



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

$\sqrt{(36) + (25)}$

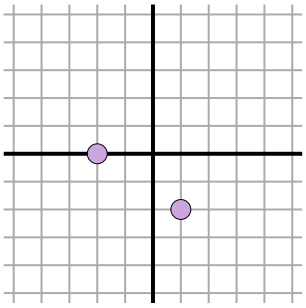
7)



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

$\sqrt{(4) + (100)}$

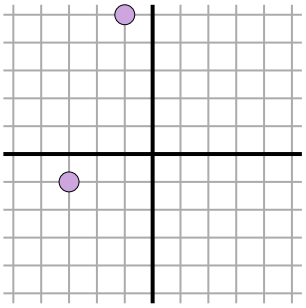
8)



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

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

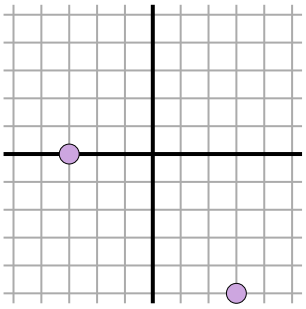
9)



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

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

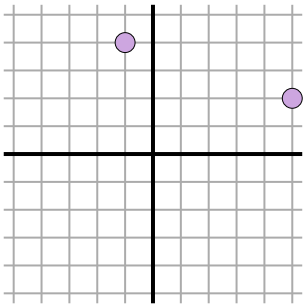
10)



$\sqrt{(3--3)^2 + (-5-0)^2}$

$\sqrt{(36) + (25)}$

11)



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

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

Answers

Ex.	8.5
1.	4.1
2.	3.6
3.	6.7
4.	3.2
5.	6.3
6.	7.8
7.	10.2
8.	3.6
9.	6.3
10.	7.8
11.	6.3