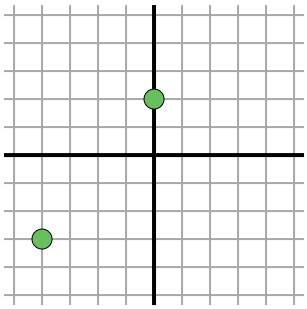
Finding Distance on a Grid

Name:

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

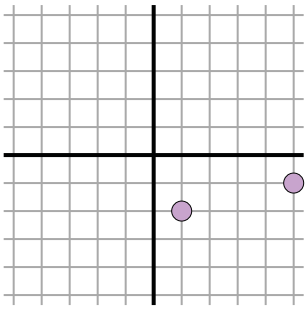
Ex)



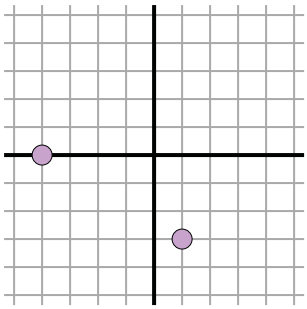
$\sqrt{(-4-0)^2 + (-3-2)^2}$

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

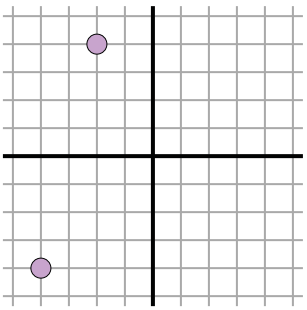
1)



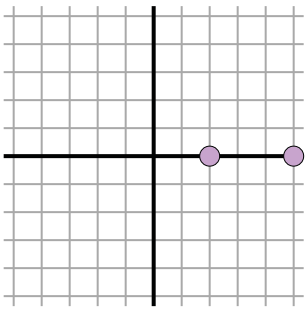
2)



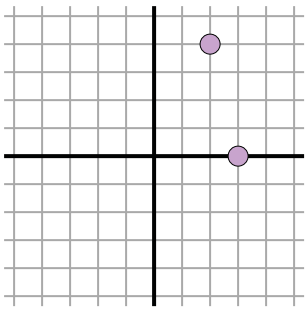
3)



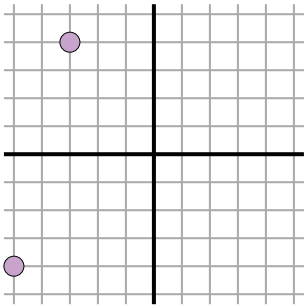
4)



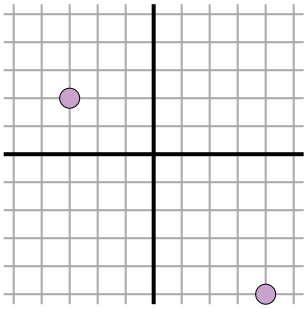
5)



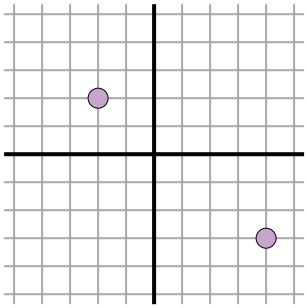
6)



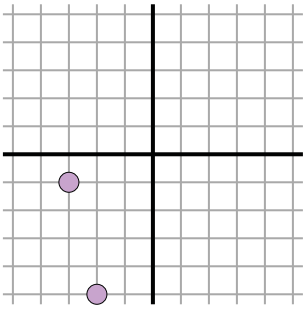
7)



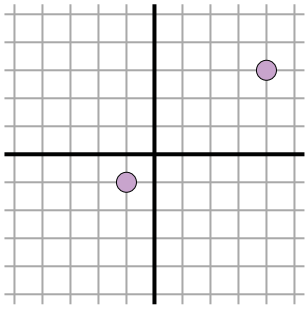
8)



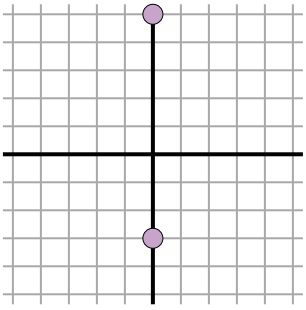
9)



10)



11)



Answers

Ex. 6.4

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

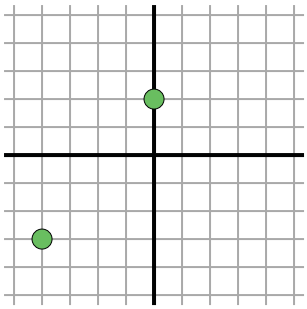
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name: **Answer Key**

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

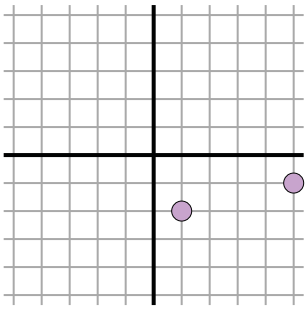
Ex)



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

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

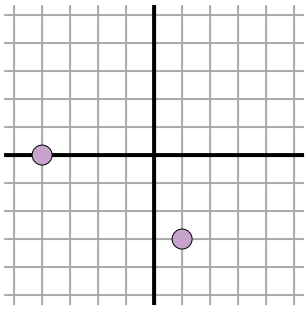
1)



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

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

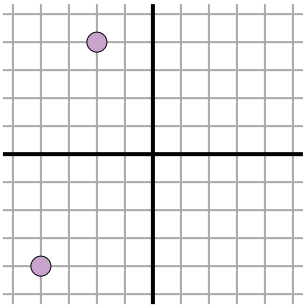
2)



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

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

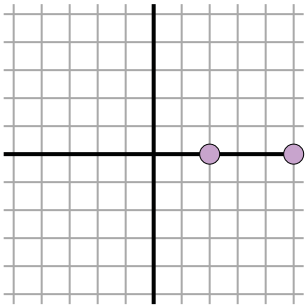
3)



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

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

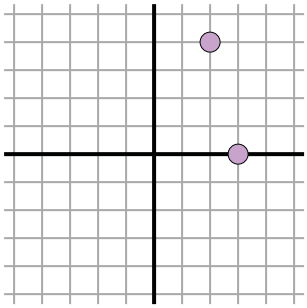
4)



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

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

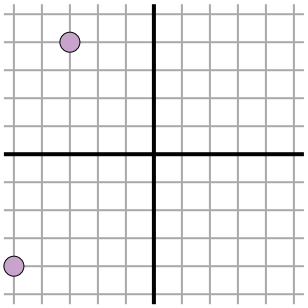
5)



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

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

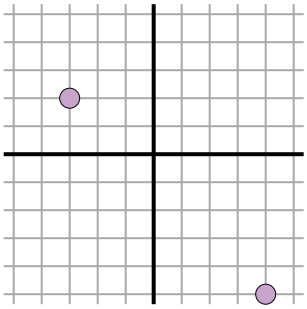
6)



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

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

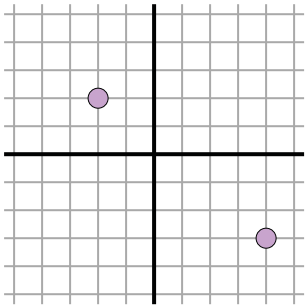
7)



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

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

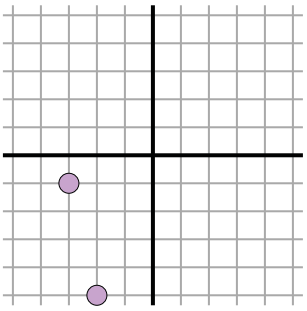
8)



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

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

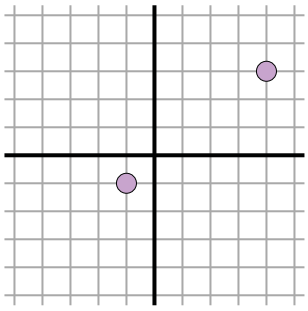
9)



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

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

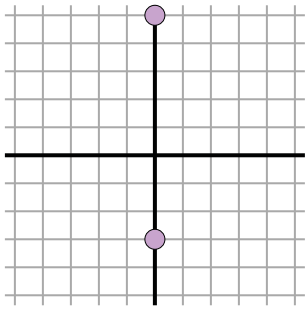
10)



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

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

11)



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

$\sqrt{(0) + (64)}$

Answers

Ex.	6.4
1.	4.1
2.	5.8
3.	8.2
4.	3
5.	4.1
6.	8.2
7.	9.9
8.	7.8
9.	4.1
10.	6.4
11.	8

1-10	91	82	73	64	55	45	36	27	18	9
11	0									