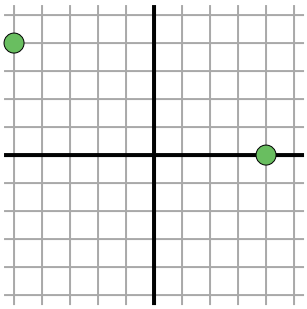
Finding Distance on a Grid

Name:

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

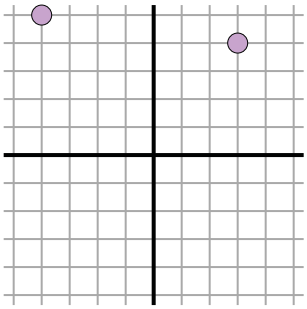
Ex)



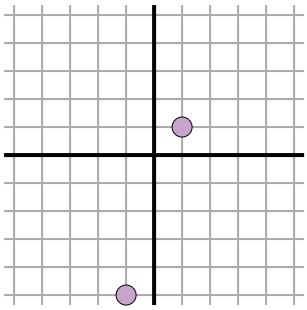
$\sqrt{(4--5)^2 + (0-4)^2}$

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

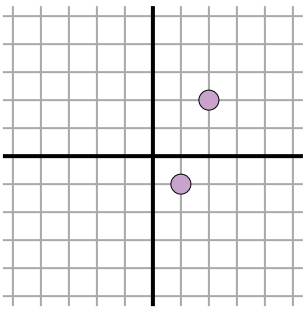
1)



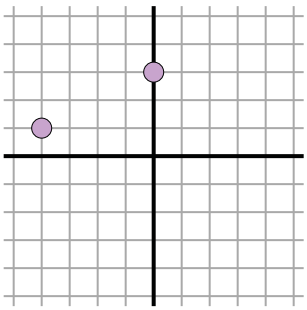
2)



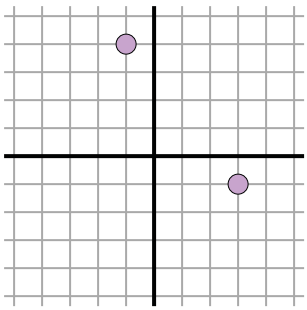
3)



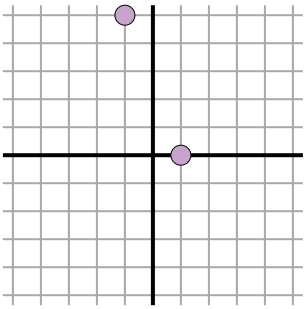
4)



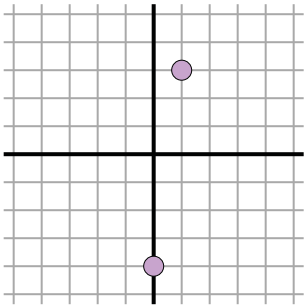
5)



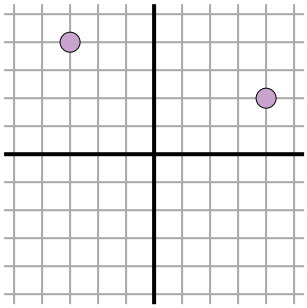
6)



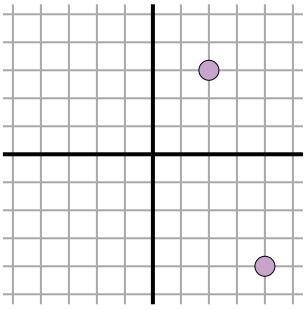
7)



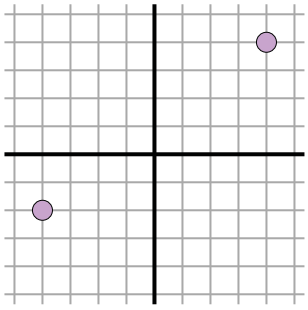
8)



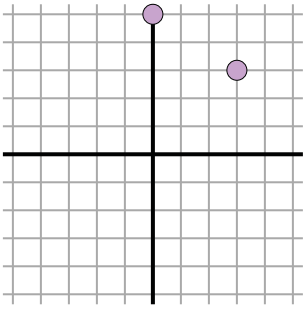
9)



10)



11)



Answers

Ex. 9.8

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

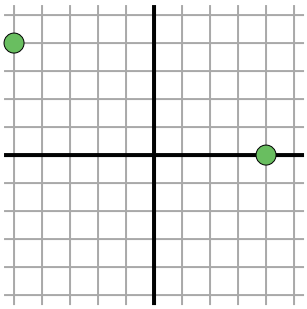
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name: **Answer Key**

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

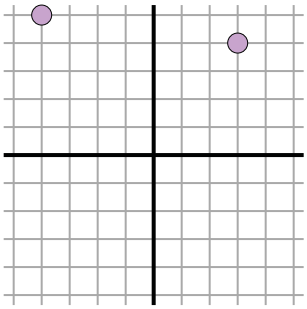
Ex)



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

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

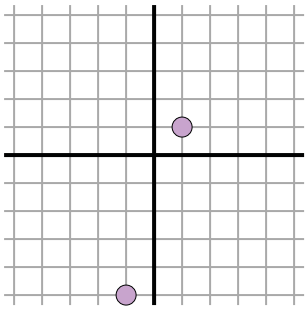
1)



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

$\sqrt{(49) + (1)}$

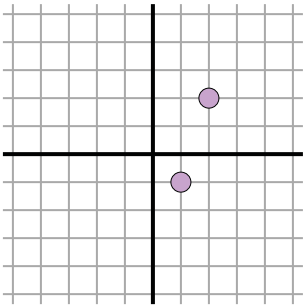
2)



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

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

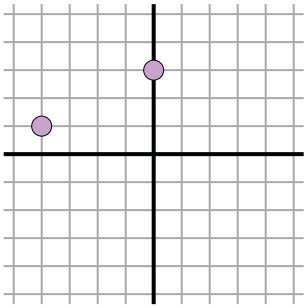
3)



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

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

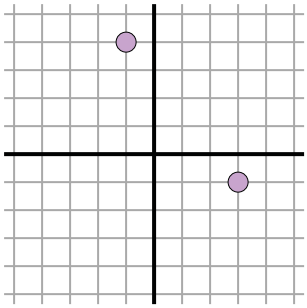
4)



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

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

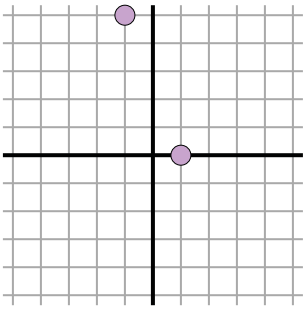
5)



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

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

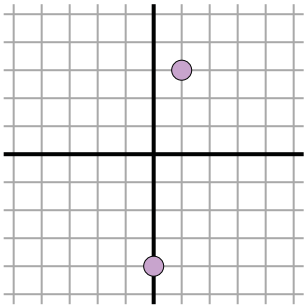
6)



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

$\sqrt{(4) + (25)}$

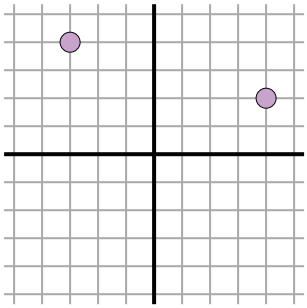
7)



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

$\sqrt{(1) + (49)}$

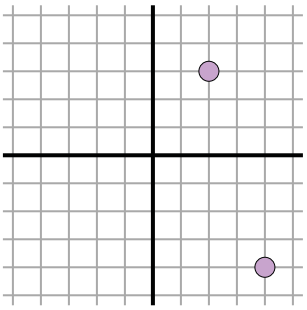
8)



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

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

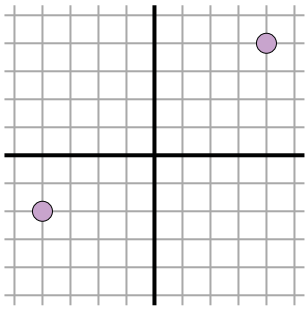
9)



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

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

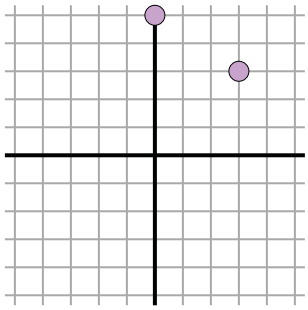
10)



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

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

11)



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

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

Answers

Ex.	9.8
1.	7.1
2.	6.3
3.	3.2
4.	4.5
5.	6.4
6.	5.4
7.	7.1
8.	7.3
9.	7.3
10.	10
11.	3.6

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