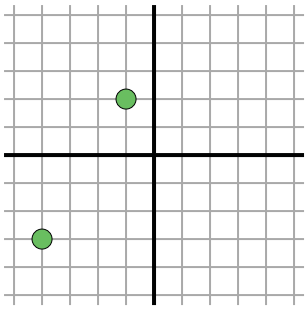
Finding Distance on a Grid

Name:

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

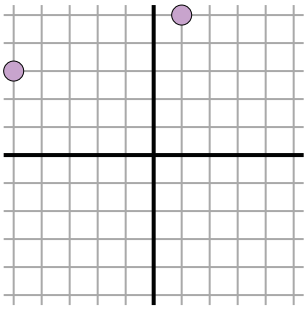
Ex)



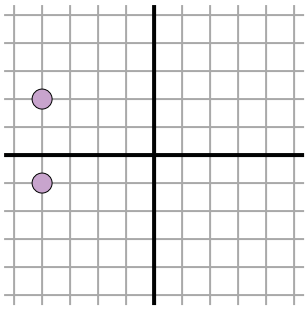
$\sqrt{(-1--4)^2 + (2--3)^2}$

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

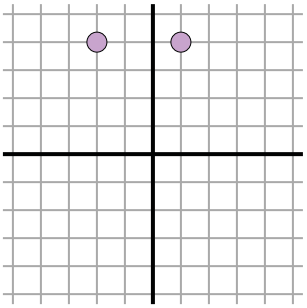
1)



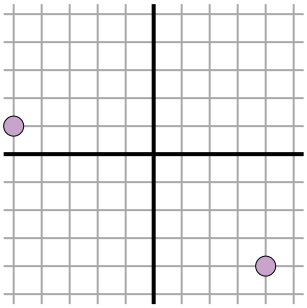
2)



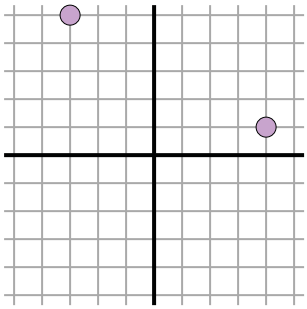
3)



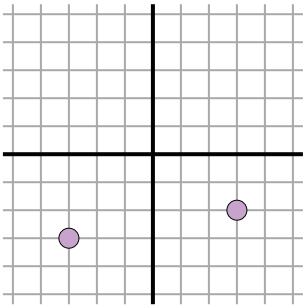
4)



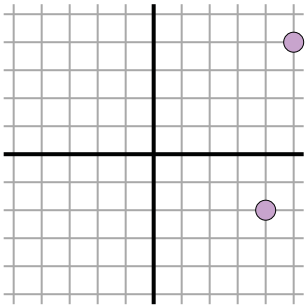
5)



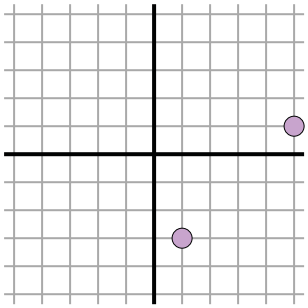
6)



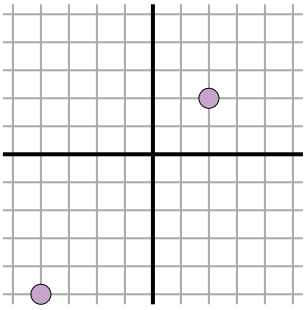
7)



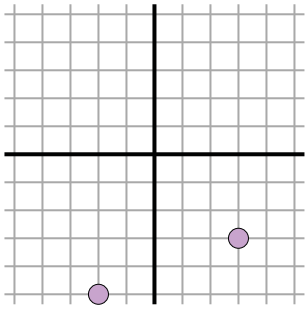
8)



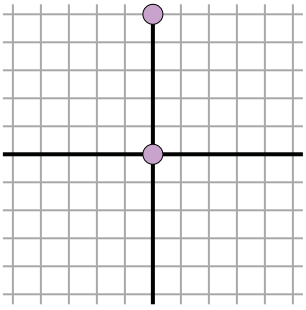
9)



10)



11)



Answers

Ex. 5.8

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

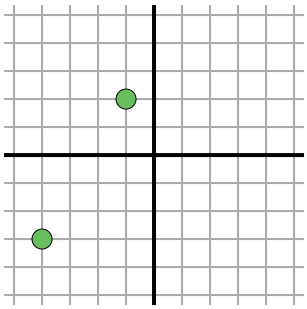
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name: **Answer Key**

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

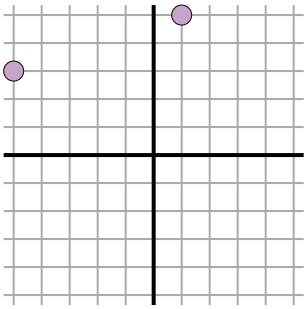
Ex)



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

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

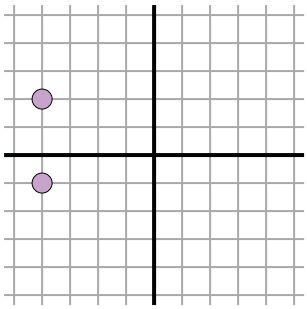
1)



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

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

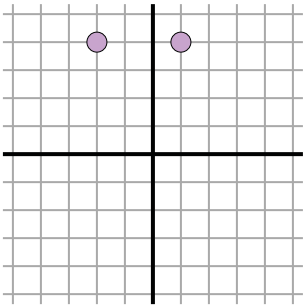
2)



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

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

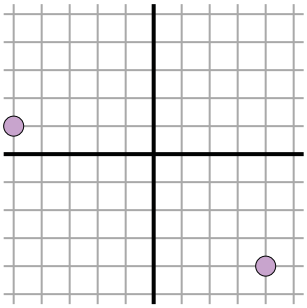
3)



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

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

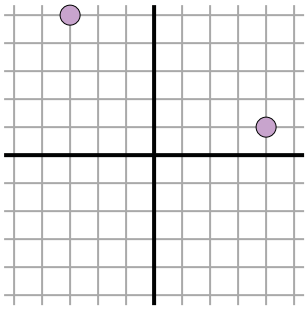
4)



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

$\sqrt{(81) + (25)}$

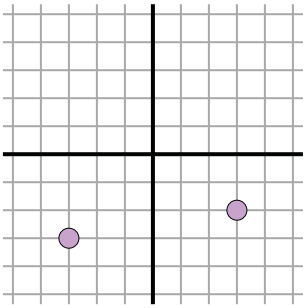
5)



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

$\sqrt{(49) + (16)}$

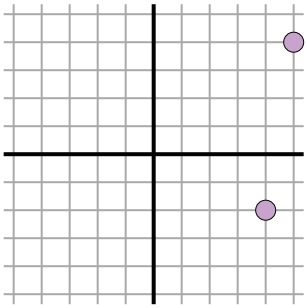
6)



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

$\sqrt{(36) + (1)}$

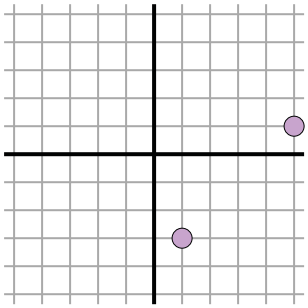
7)



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

$\sqrt{(1) + (36)}$

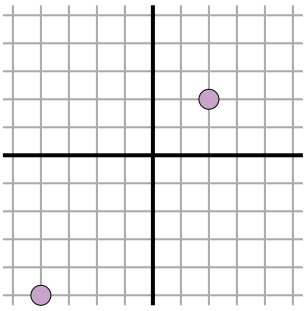
8)



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

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

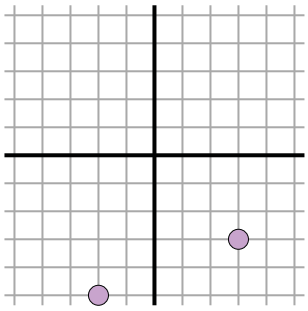
9)



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

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

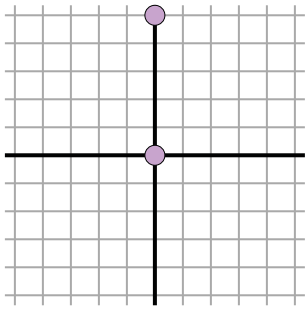
10)



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

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

11)



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

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

Answers

Ex.	5.8
1.	6.3
2.	3
3.	3
4.	10.3
5.	8.1
6.	6.1
7.	6.1
8.	5.7
9.	9.2
10.	5.4
11.	5

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