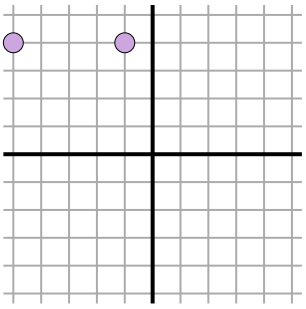
Finding Distance on a Grid

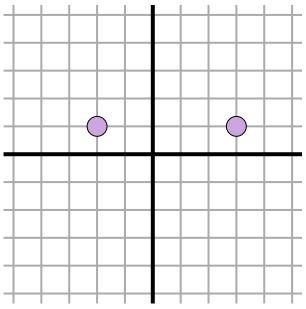
Name:

Find the distance between points.

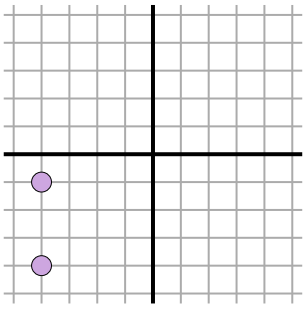
Ex)



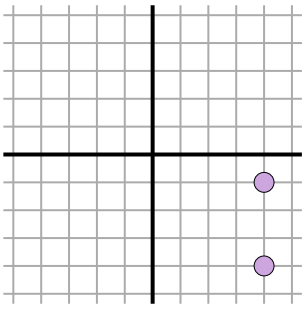
1)



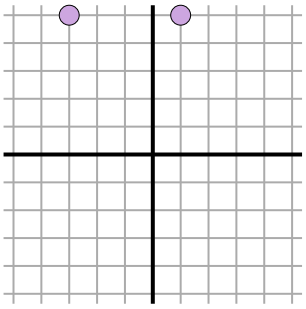
2)



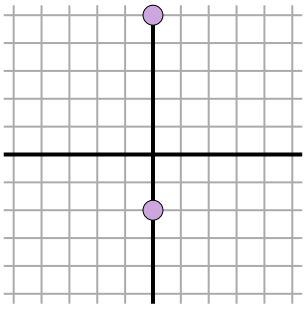
3)



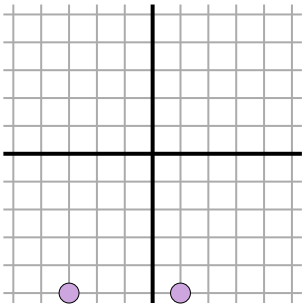
4)



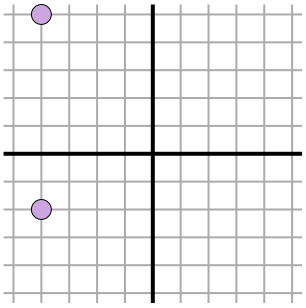
5)



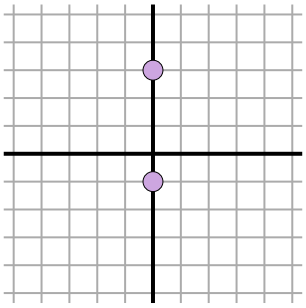
6)



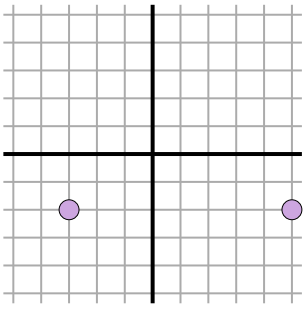
7)



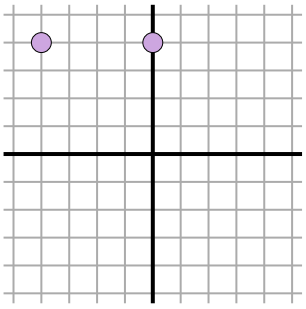
8)



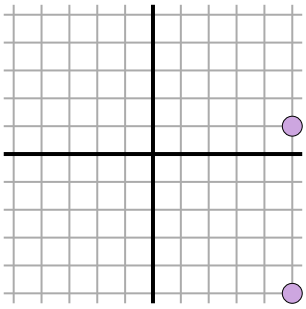
9)



10)



11)



Answers

Ex. 4

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

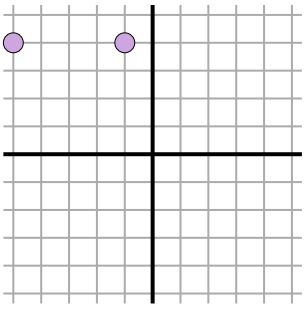
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name: **Answer Key**

Find the distance between points.

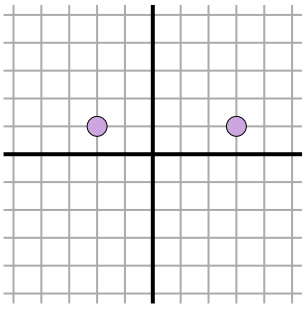
Ex)



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

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

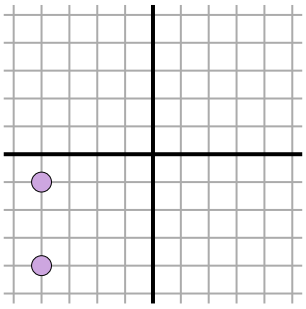
1)



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

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

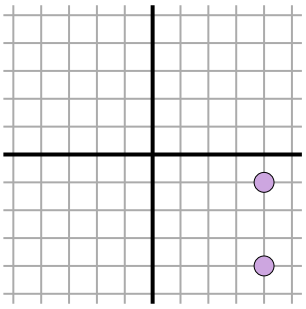
2)



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

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

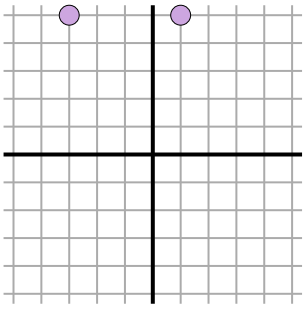
3)



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

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

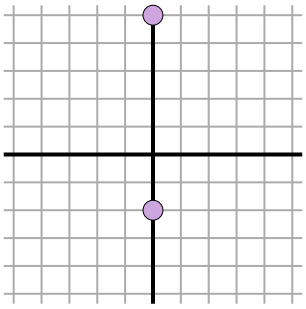
4)



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

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

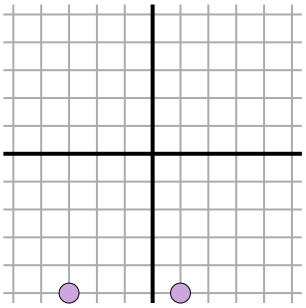
5)



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

$\sqrt{(0) + (49)}$

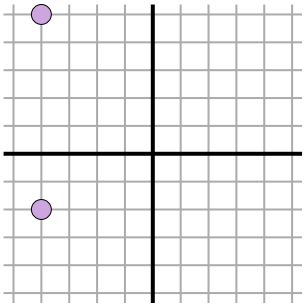
6)



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

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

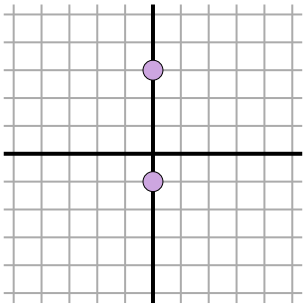
7)



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

$\sqrt{(0) + (49)}$

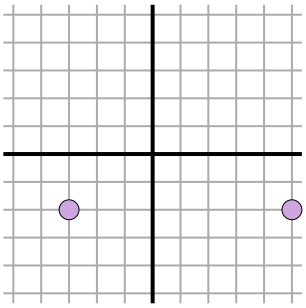
8)



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

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

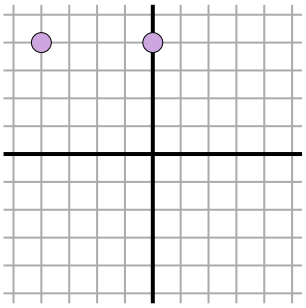
9)



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

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

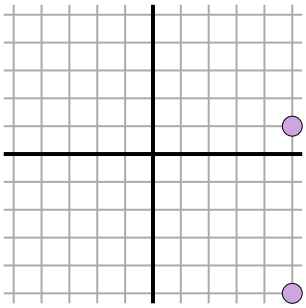
10)



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

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

11)



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

$\sqrt{(0) + (36)}$

Answers

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