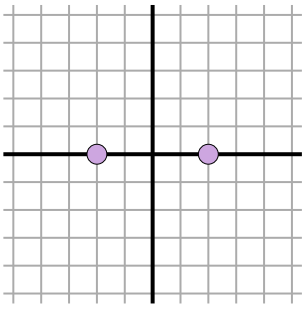
Finding Distance on a Grid

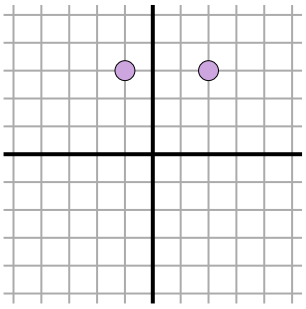
Name:

Find the distance between points.

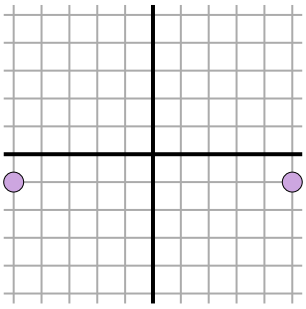
Ex)



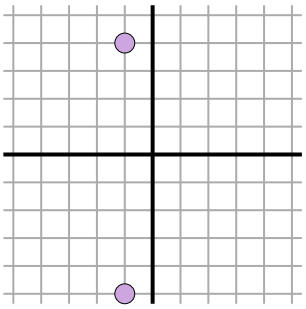
1)



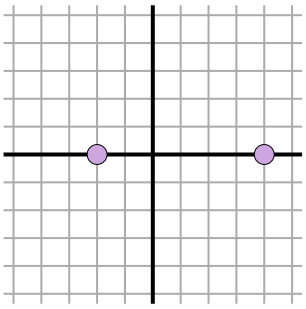
2)



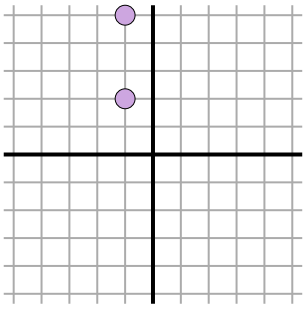
3)



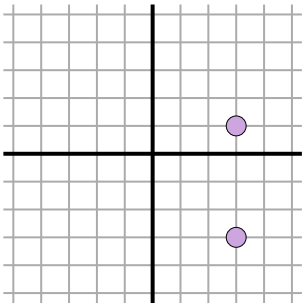
4)



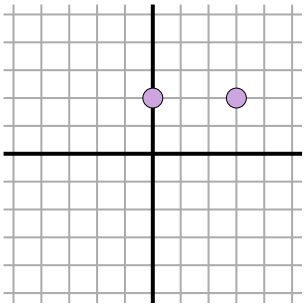
5)



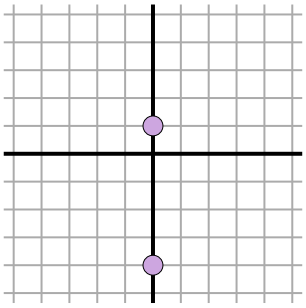
6)



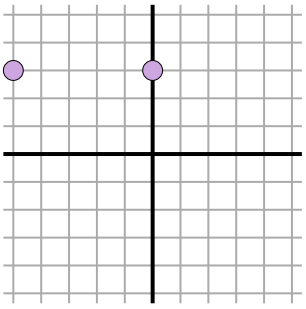
7)



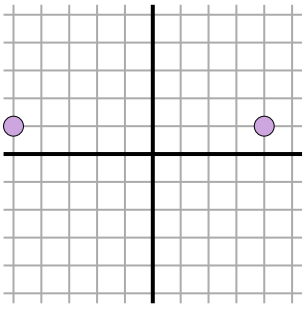
8)



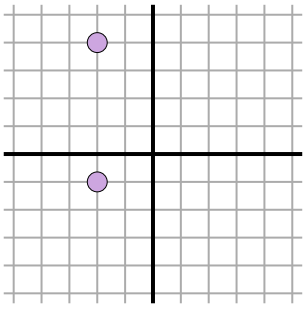
9)



10)



11)



Answers

Ex. 4

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

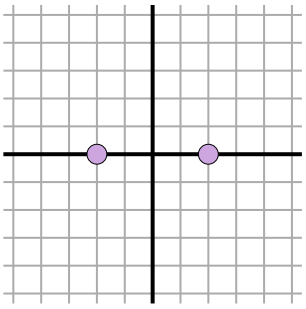
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name: **Answer Key**

Find the distance between points.

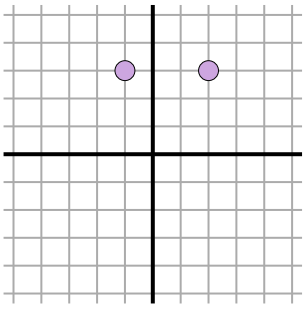
Ex)



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

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

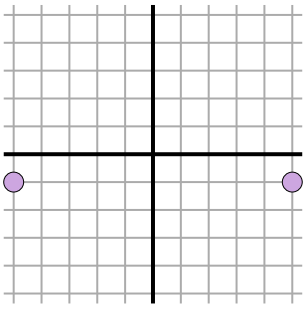
1)



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

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

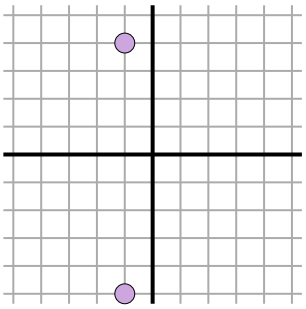
2)



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

$\sqrt{(100) + (0)}$

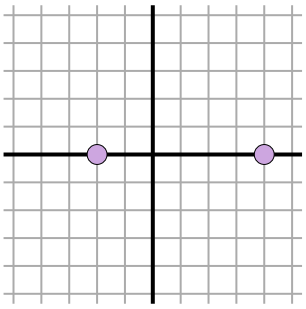
3)



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

$\sqrt{(0) + (81)}$

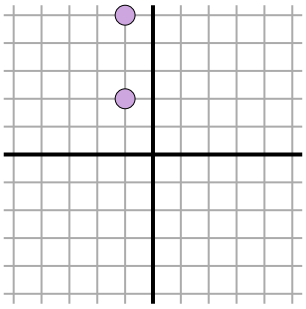
4)



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

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

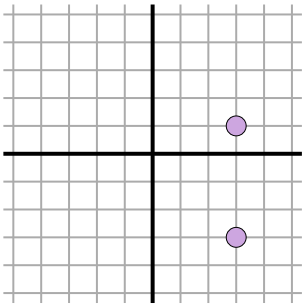
5)



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

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

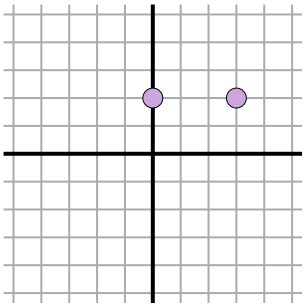
6)



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

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

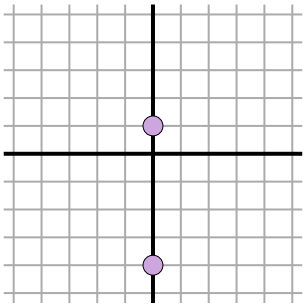
7)



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

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

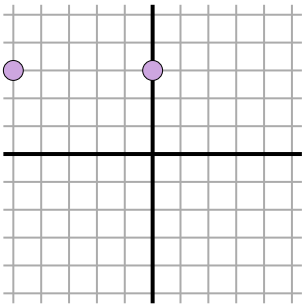
8)



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

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

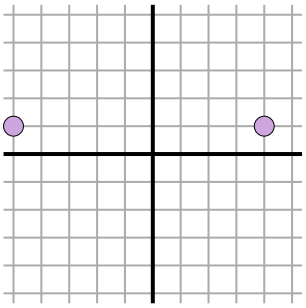
9)



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

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

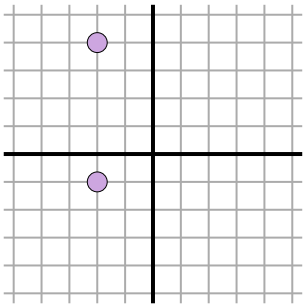
10)



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

$\sqrt{(81) + (0)}$

11)



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

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

Answers

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