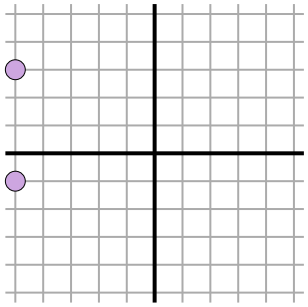
Finding Distance on a Grid

Name:

Find the distance between points.

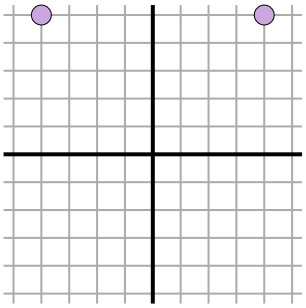
Ex)



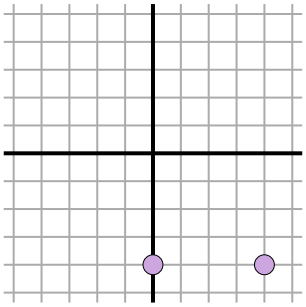
$\sqrt{(-5--5)^2 + (3--1)^2}$

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

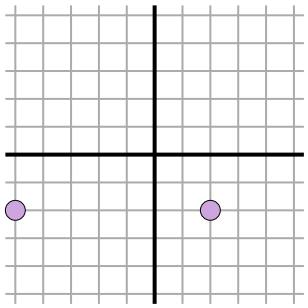
1)



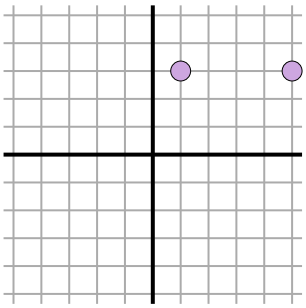
2)



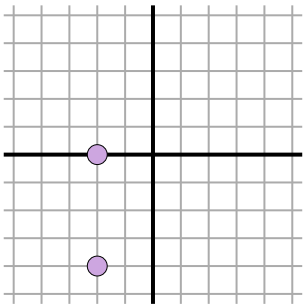
3)



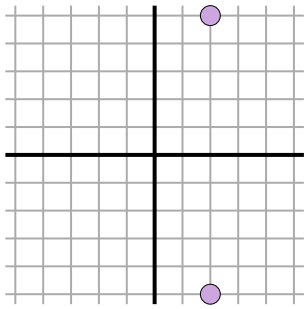
4)



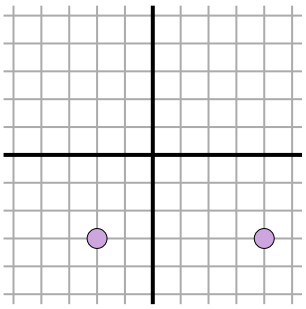
5)



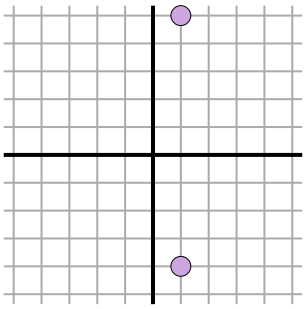
6)



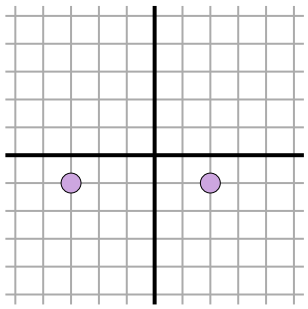
7)



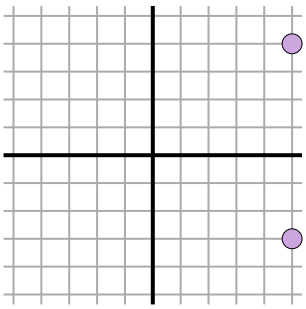
8)



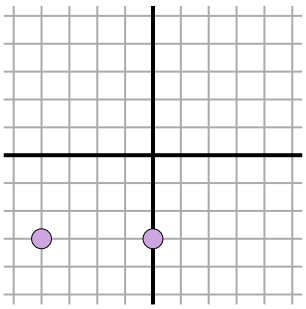
9)



10)



11)



Answers

Ex. 4

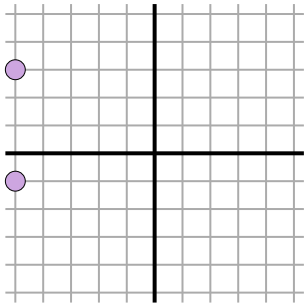
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____

Finding Distance on a Grid

Name: **Answer Key**

Find the distance between points.

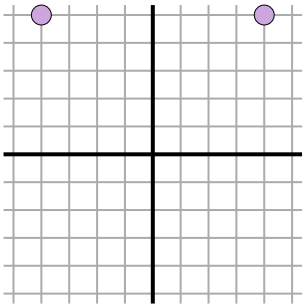
Ex)



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

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

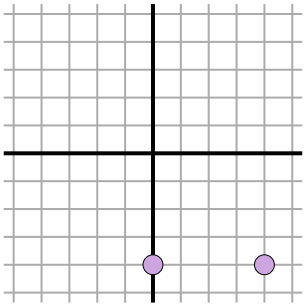
1)



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

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

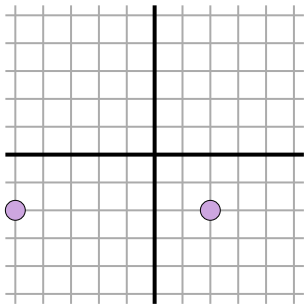
2)



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

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

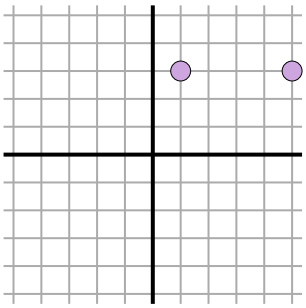
3)



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

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

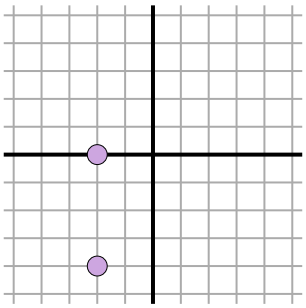
4)



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

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

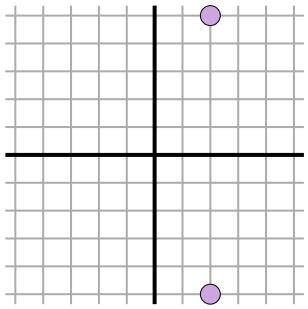
5)



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

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

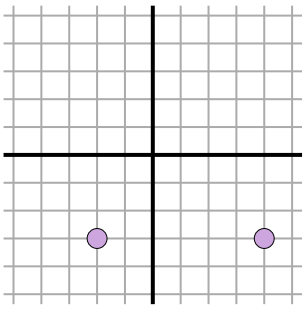
6)



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

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

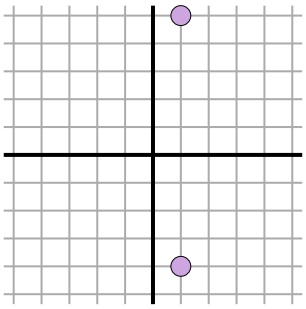
7)



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

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

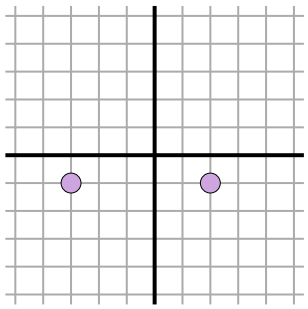
8)



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

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

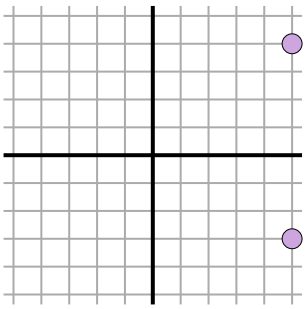
9)



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

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

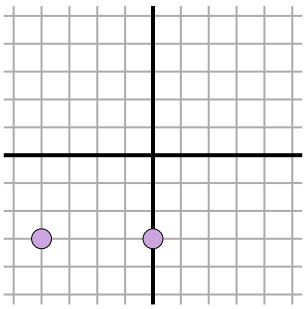
10)



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

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

11)



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

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

Answers

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