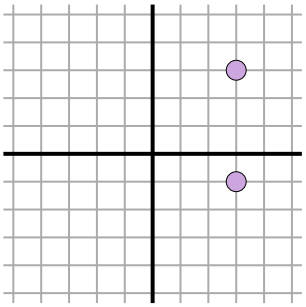
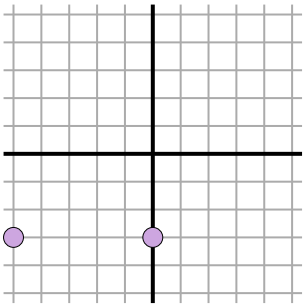
Finding Distance on a Grid Name:

Find the distance between points.

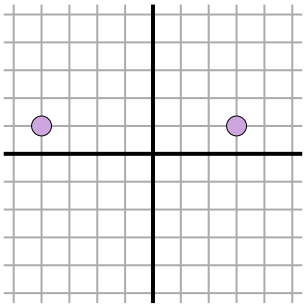
Ex)



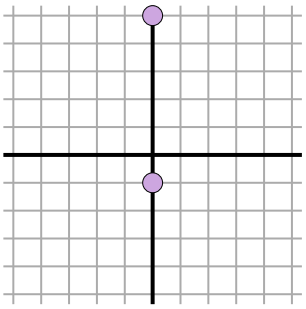
1)



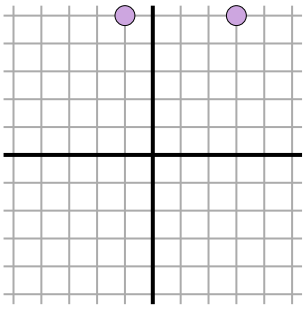
2)



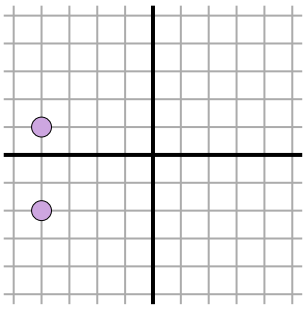
3)



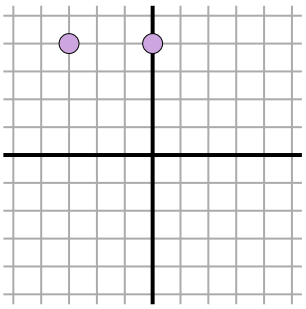
4)



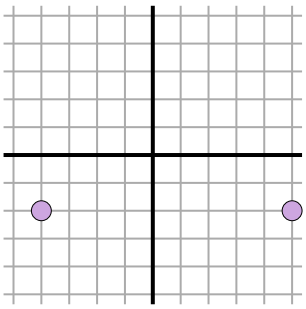
5)



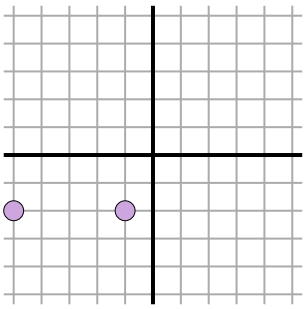
6)



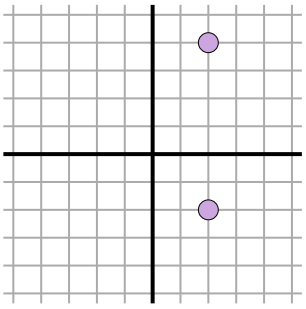
7)



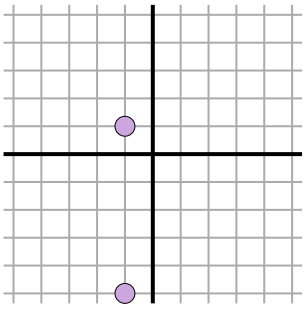
8)



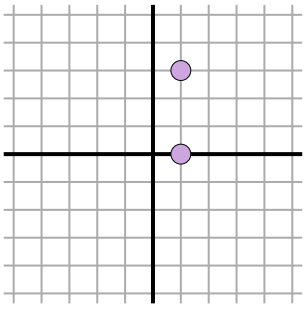
9)



10)



11)



Answers

Ex. 4

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

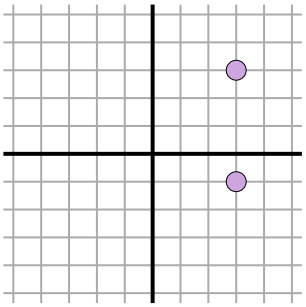
10. _____

11. _____

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

Find the distance between points.

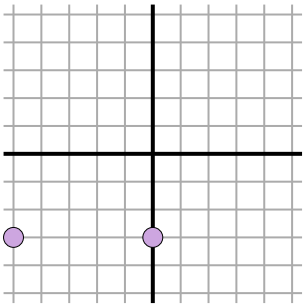
Ex)



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

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

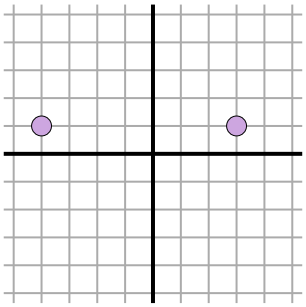
1)



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

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

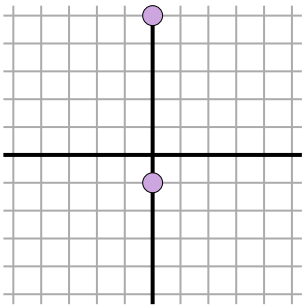
2)



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

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

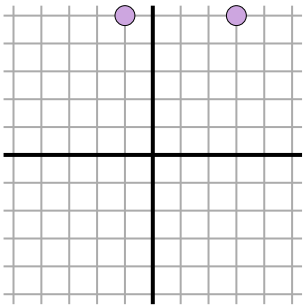
3)



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

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

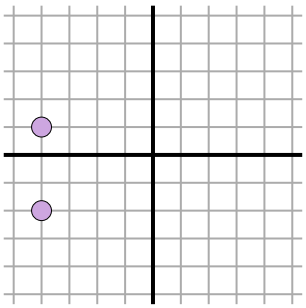
4)



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

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

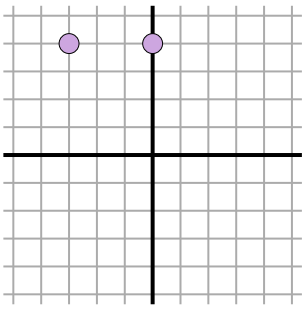
5)



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

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

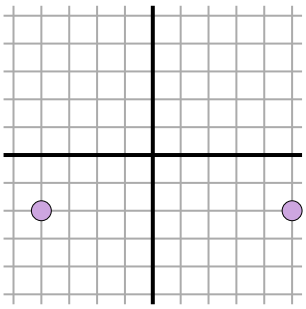
6)



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

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

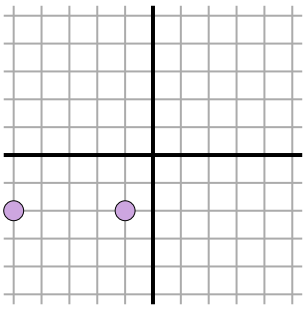
7)



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

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

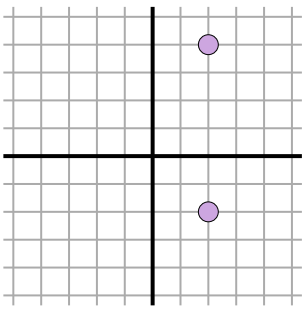
8)



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

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

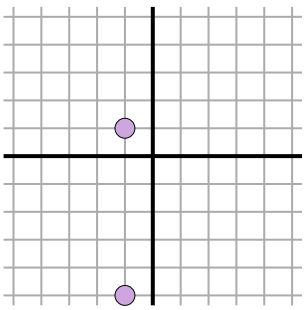
9)



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

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

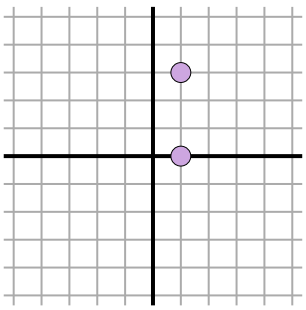
10)



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

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

11)



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

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

Answers

Ex. 4

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

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