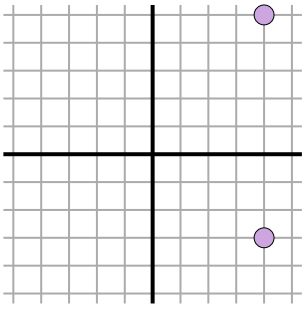
Finding Distance on a Grid

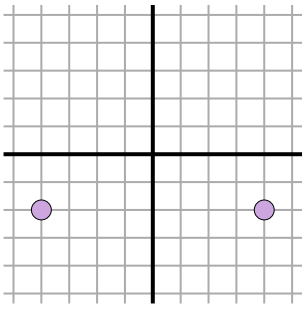
Name:

Find the distance between points.

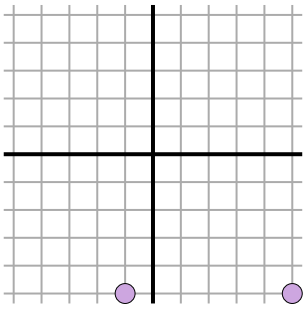
Ex)



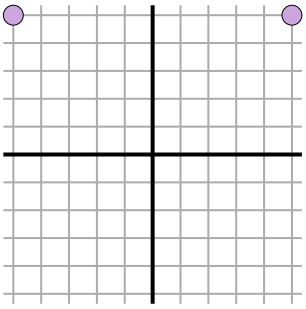
1)



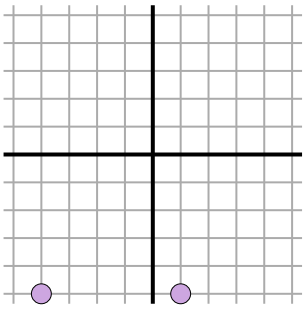
2)



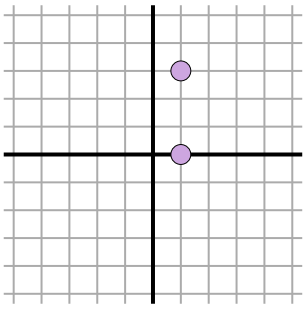
3)



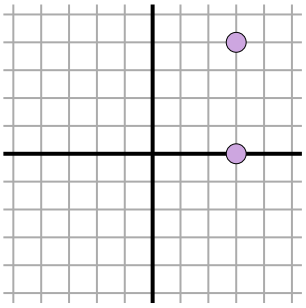
4)



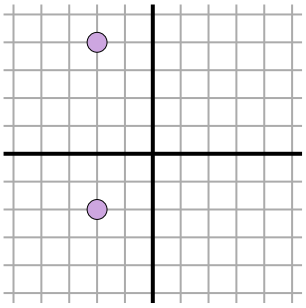
5)



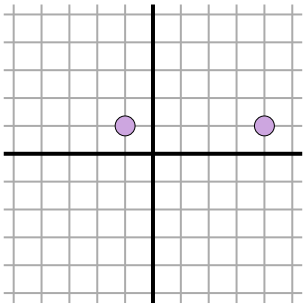
6)



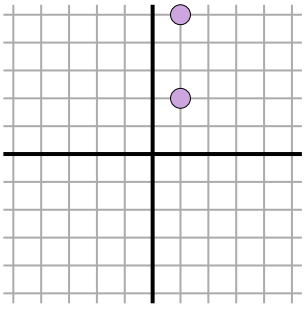
7)



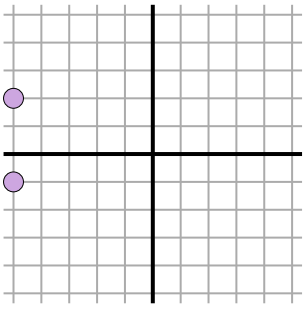
8)



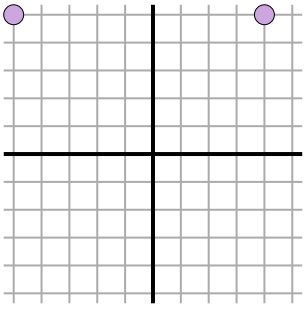
9)



10)



11)



Answers

Ex. 8

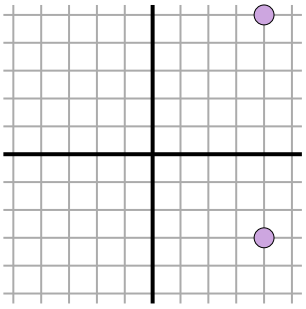
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____

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.

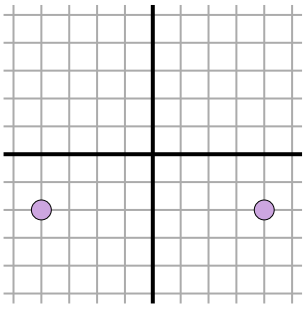
Ex)



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

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

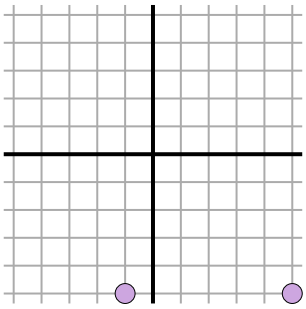
1)



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

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

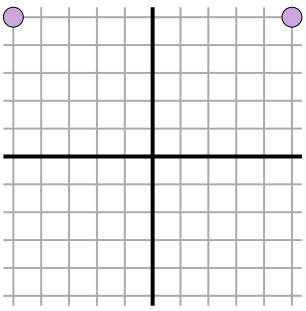
2)



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

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

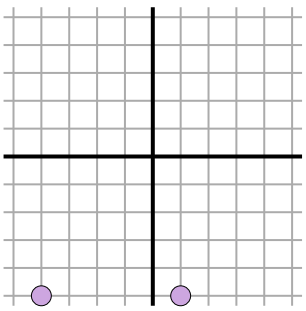
3)



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

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

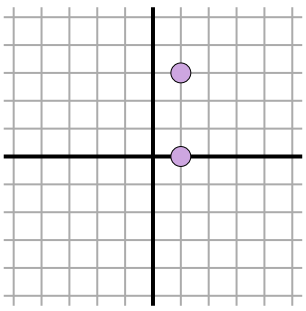
4)



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

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

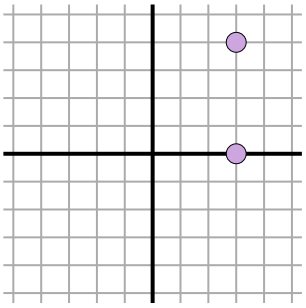
5)



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

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

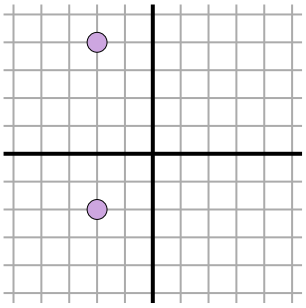
6)



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

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

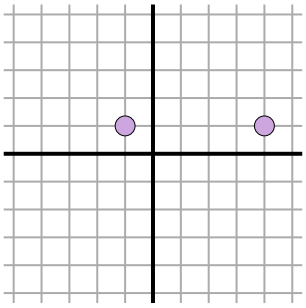
7)



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

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

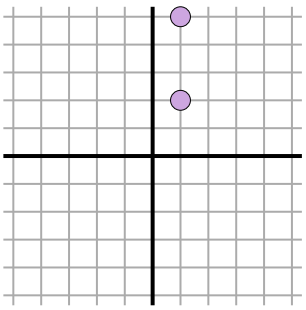
8)



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

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

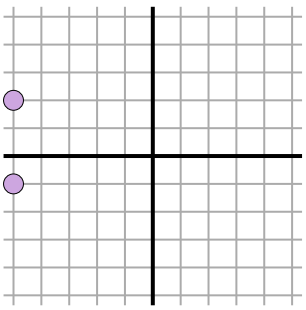
9)



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

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

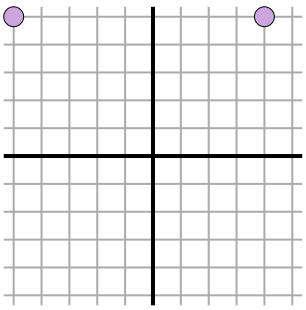
10)



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

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

11)



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

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

Answers

Ex. **8**

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

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