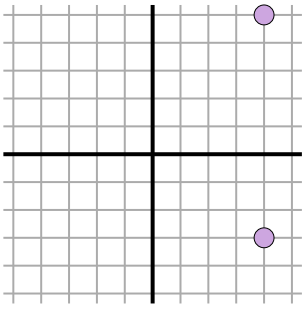
Finding Distance on a Grid

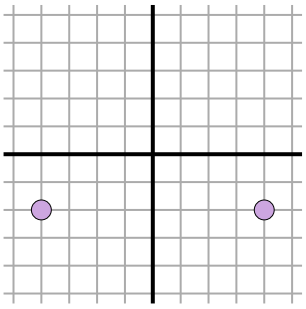
Name:

Find the distance between points.

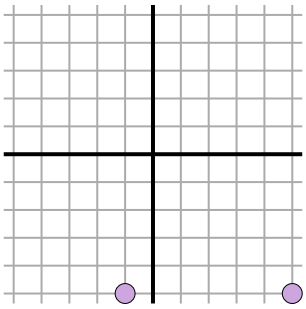
Ex)



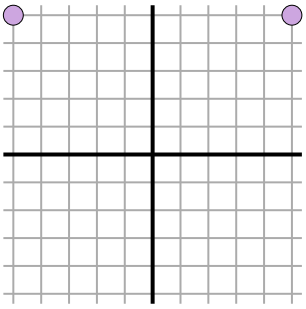
1)



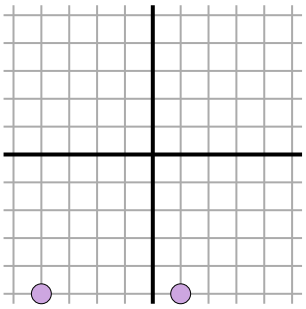
2)



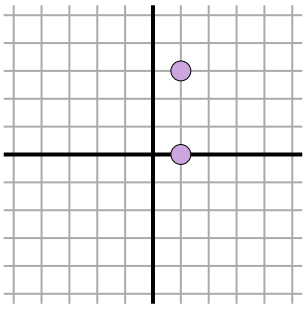
3)



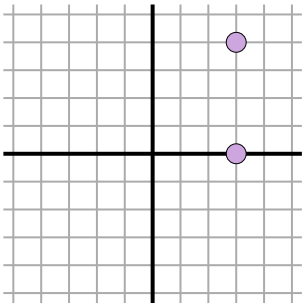
4)



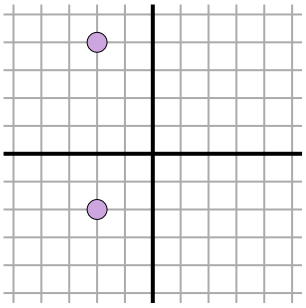
5)



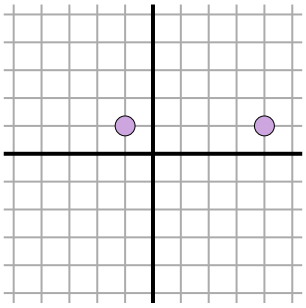
6)



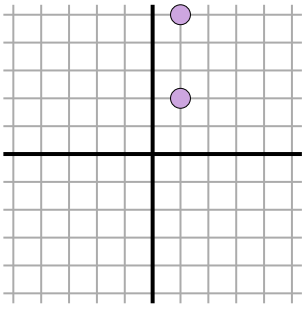
7)



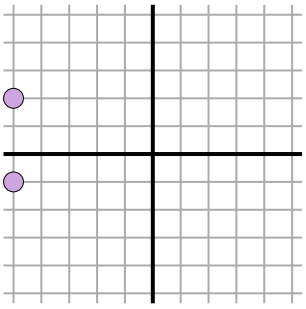
8)



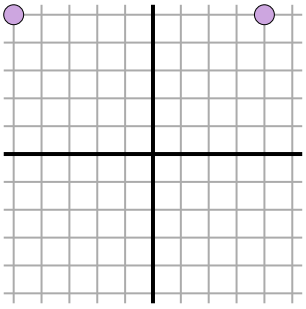
9)



10)



11)



Answers

Ex. 8

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

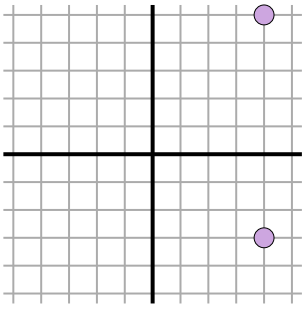
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name: **Answer Key**

Find the distance between points.

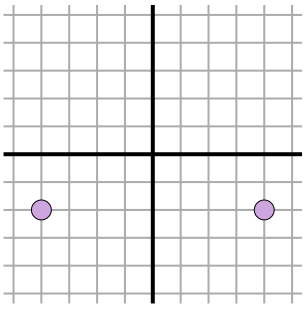
Ex)



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

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

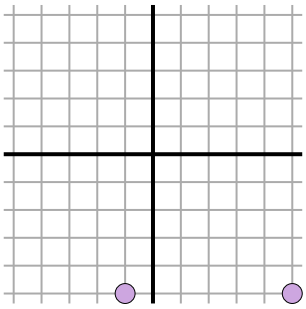
1)



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

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

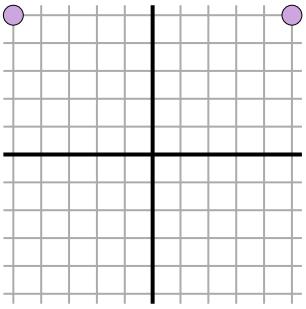
2)



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

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

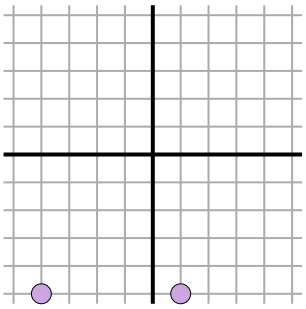
3)



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

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

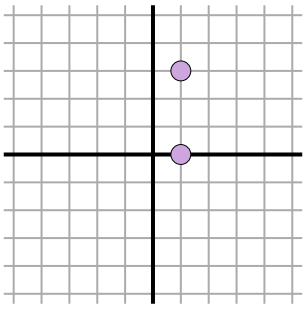
4)



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

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

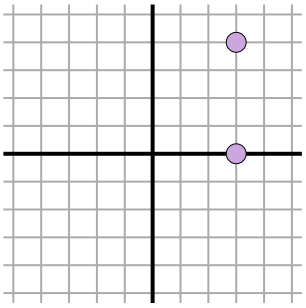
5)



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

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

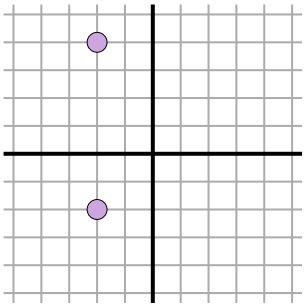
6)



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

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

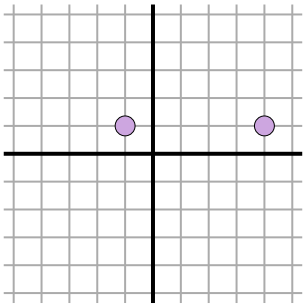
7)



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

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

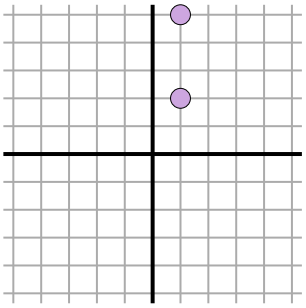
8)



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

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

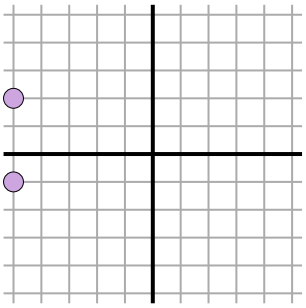
9)



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

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

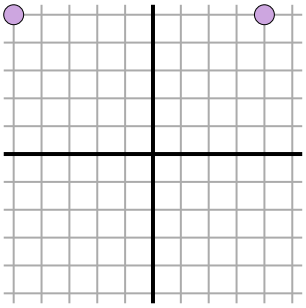
10)



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

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

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

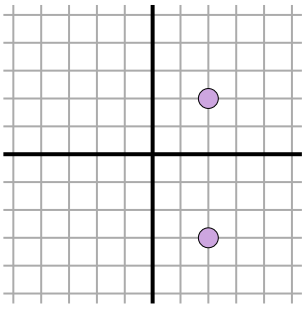
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

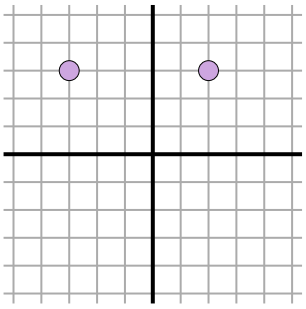
Name:

Find the distance between points.

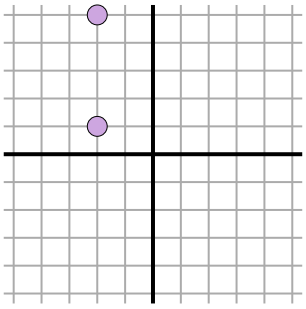
Ex)



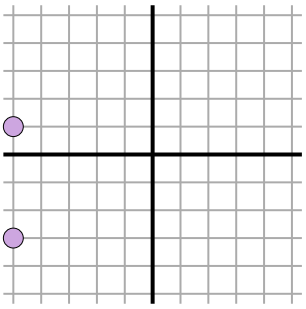
1)



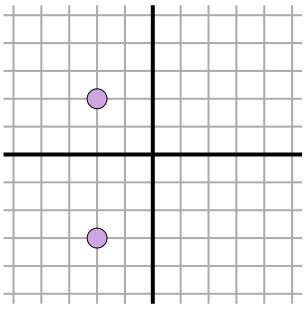
2)



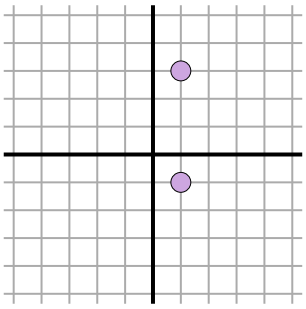
3)



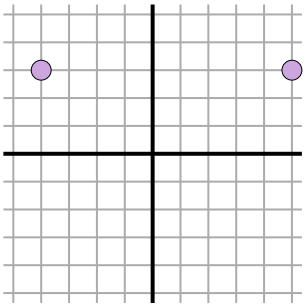
4)



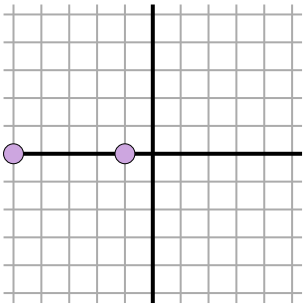
5)



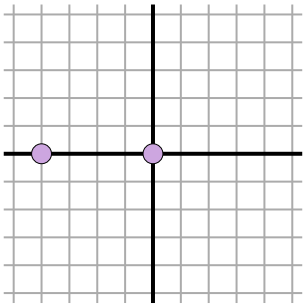
6)



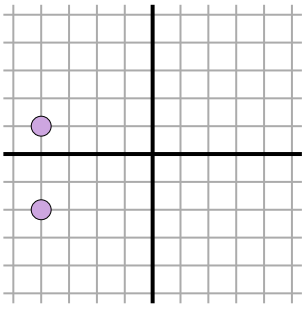
7)



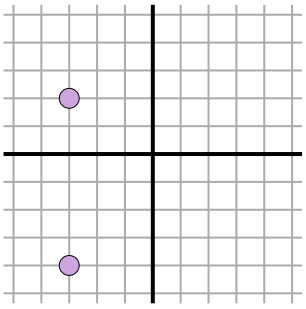
8)



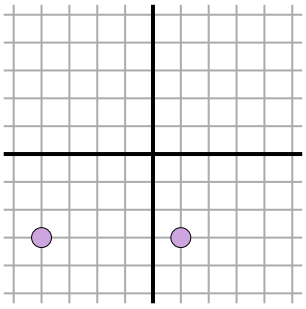
9)



10)



11)



Answers

Ex. 5

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

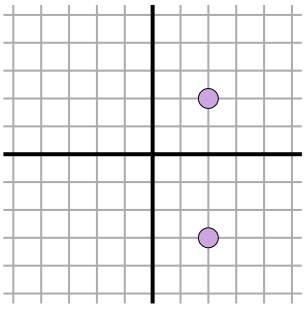
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name: **Answer Key**

Find the distance between points.

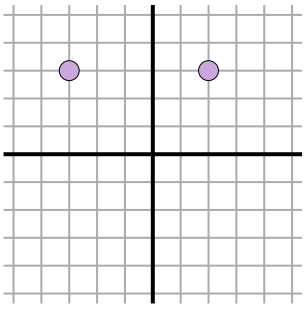
Ex)



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

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

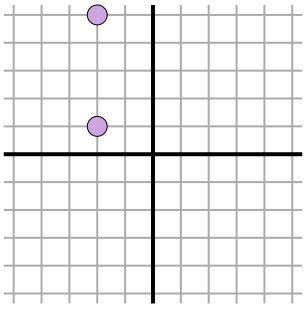
1)



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

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

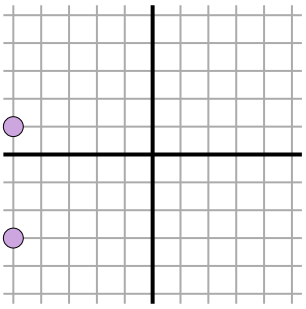
2)



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

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

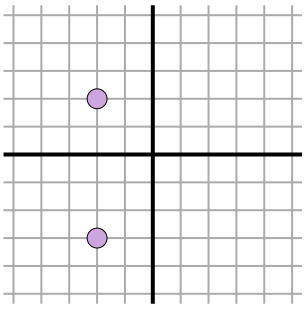
3)



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

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

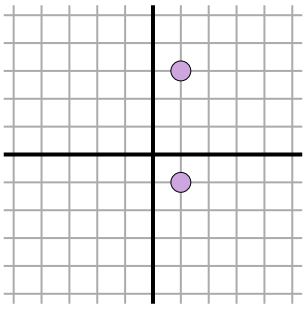
4)



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

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

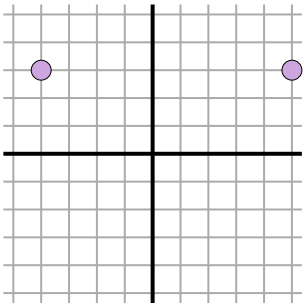
5)



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

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

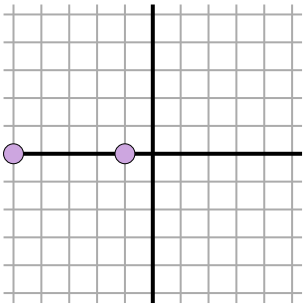
6)



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

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

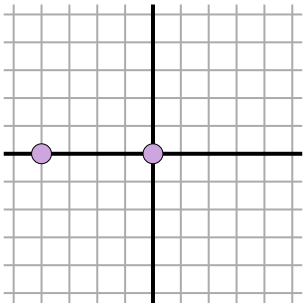
7)



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

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

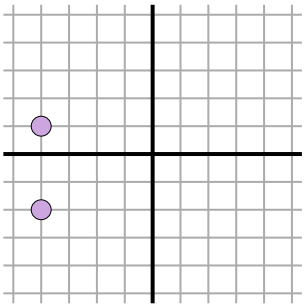
8)



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

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

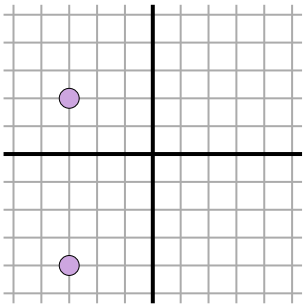
9)



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

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

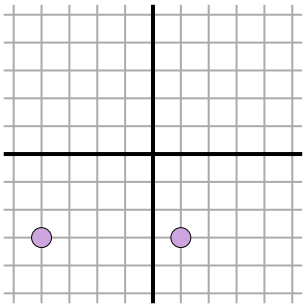
10)



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

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

11)



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

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

Answers

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

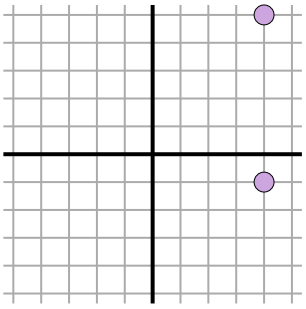
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

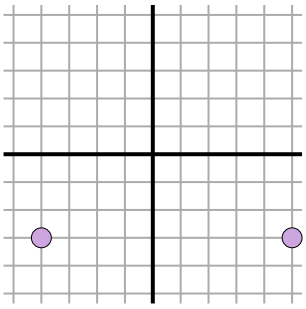
Name:

Find the distance between points.

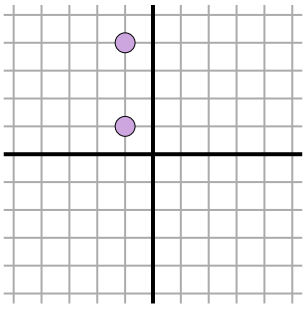
Ex)



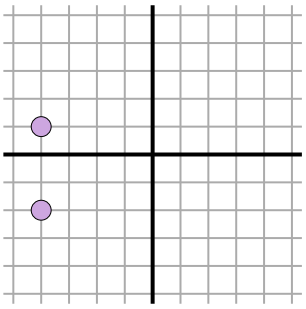
1)



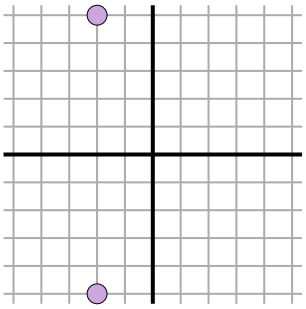
2)



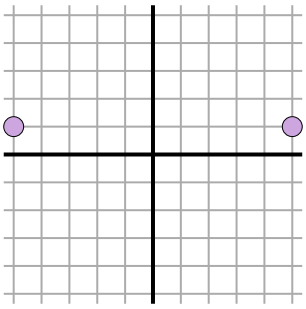
3)



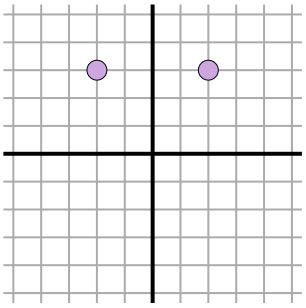
4)



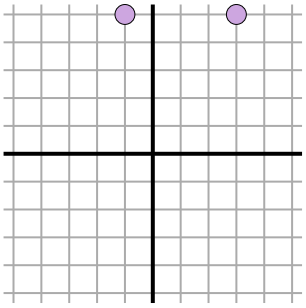
5)



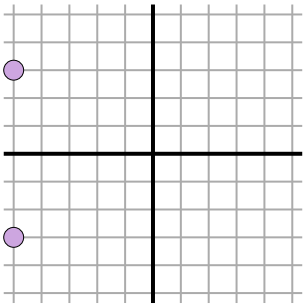
6)



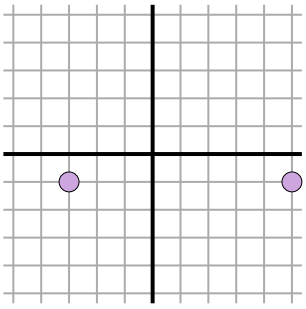
7)



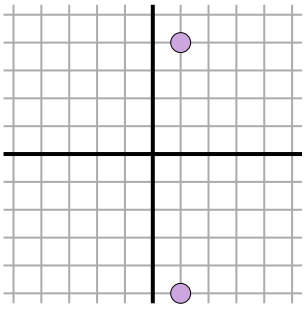
8)



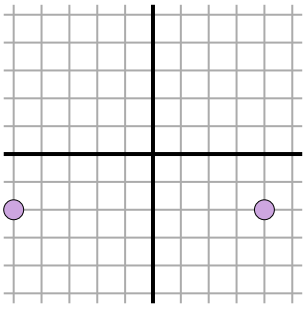
9)



10)



11)



Answers

Ex. 6

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

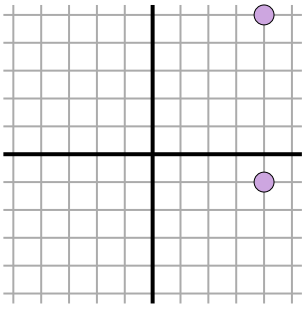
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name: **Answer Key**

Find the distance between points.

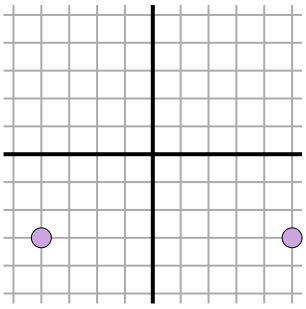
Ex)



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

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

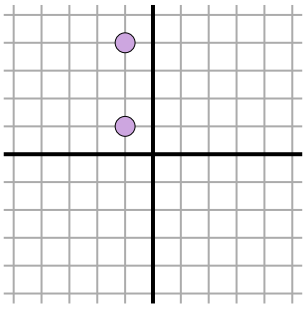
1)



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

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

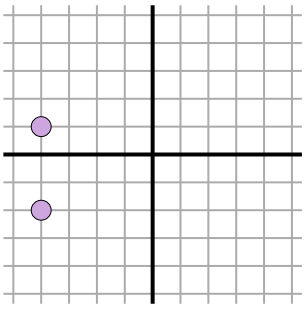
2)



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

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

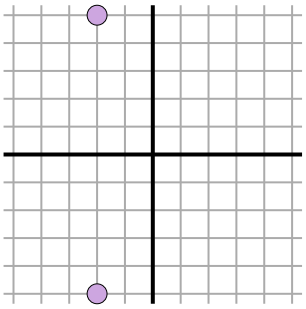
3)



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

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

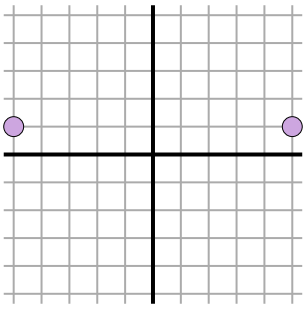
4)



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

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

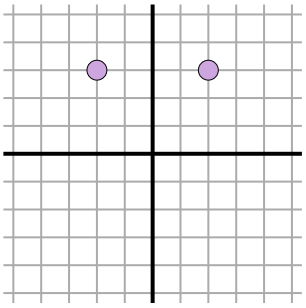
5)



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

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

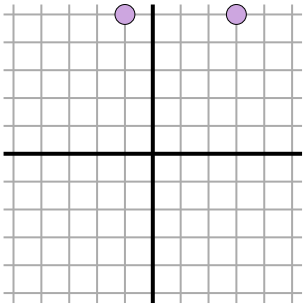
6)



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

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

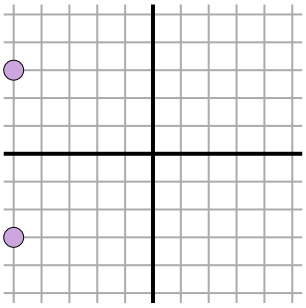
7)



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

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

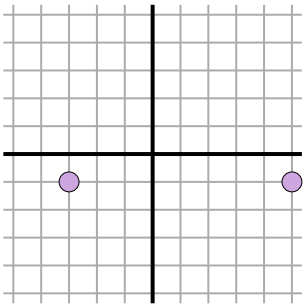
8)



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

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

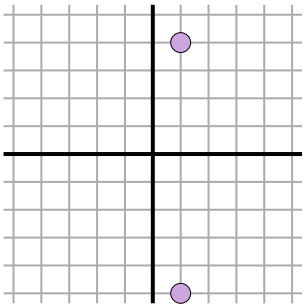
9)



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

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

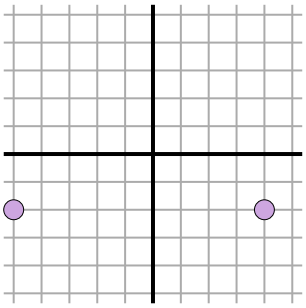
10)



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

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

11)



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

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

Answers

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

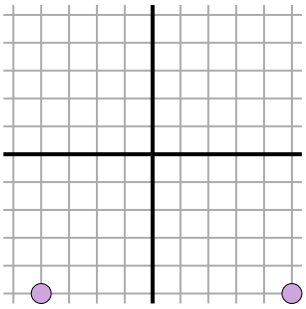
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

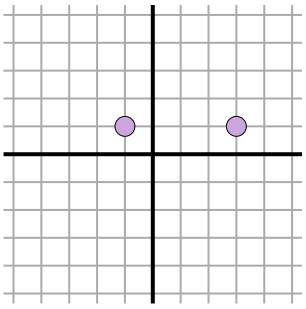
Name:

Find the distance between points.

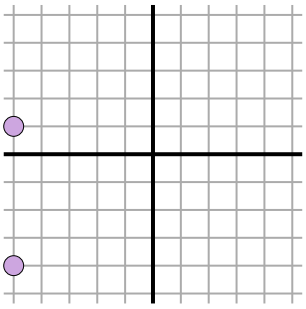
Ex)



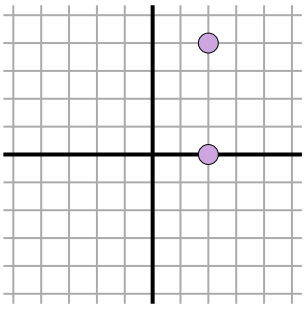
1)



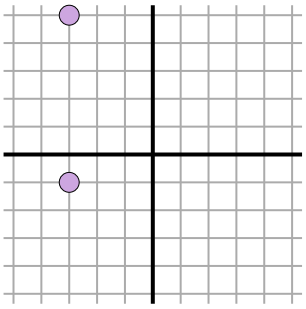
2)



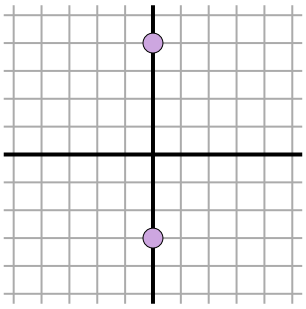
3)



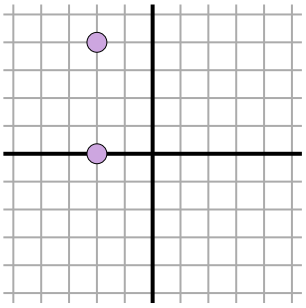
4)



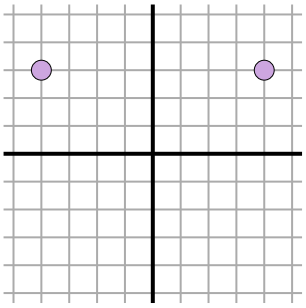
5)



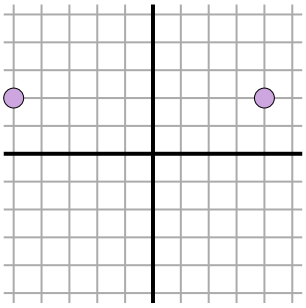
6)



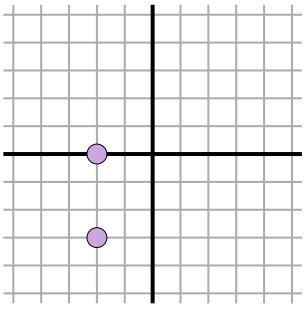
7)



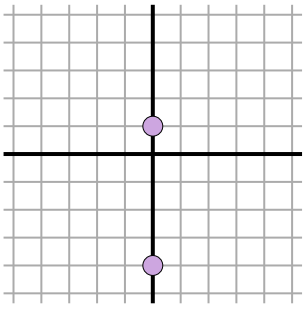
8)



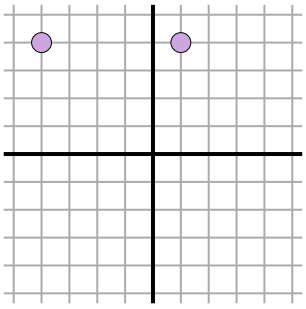
9)



10)



11)



Answers

Ex. 9

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

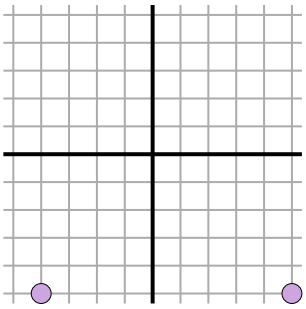
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name: **Answer Key**

Find the distance between points.

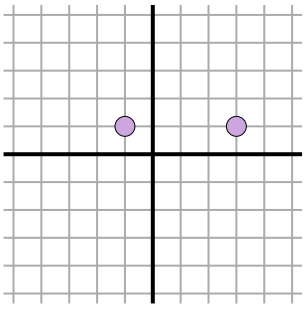
Ex)



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

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

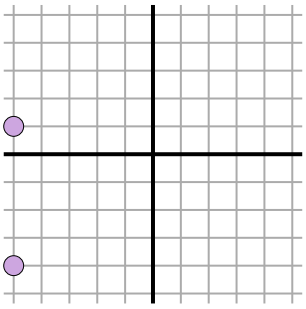
1)



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

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

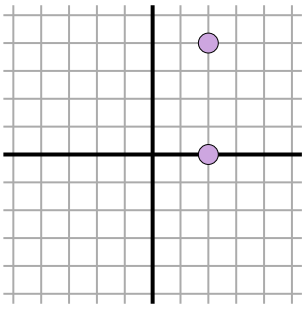
2)



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

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

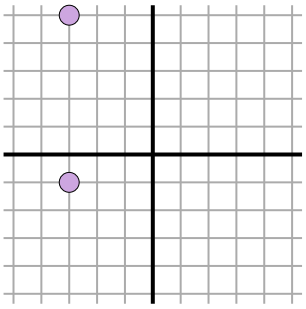
3)



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

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

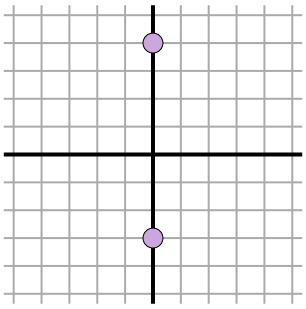
4)



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

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

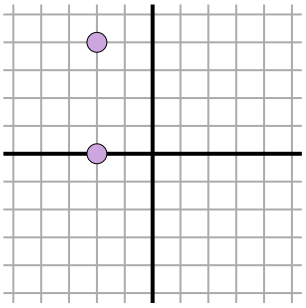
5)



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

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

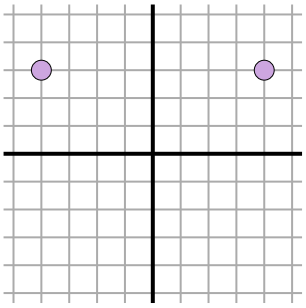
6)



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

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

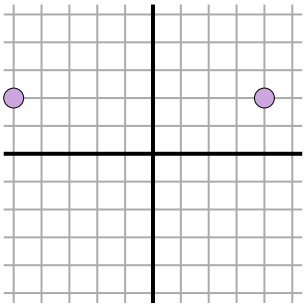
7)



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

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

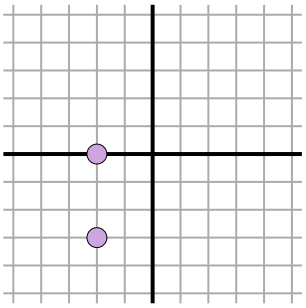
8)



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

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

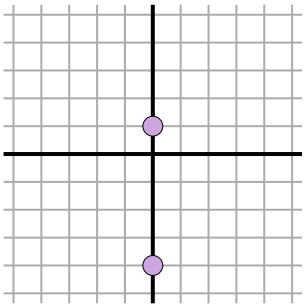
9)



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

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

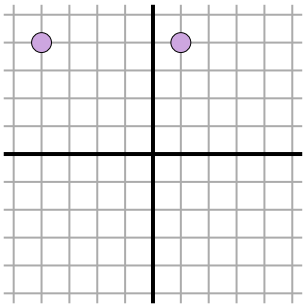
10)



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

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

11)



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

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

Answers

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

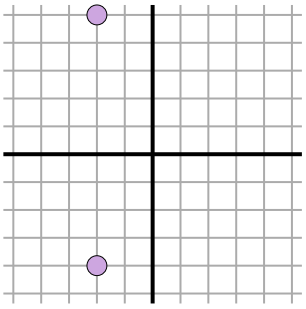
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

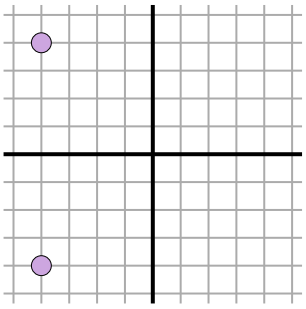
Name:

Find the distance between points.

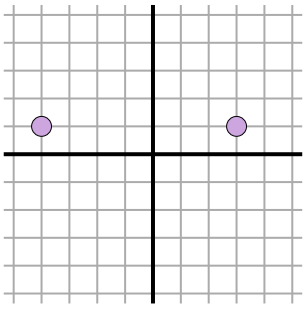
Ex)



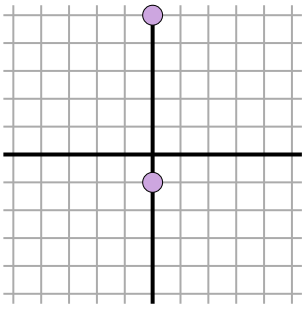
1)



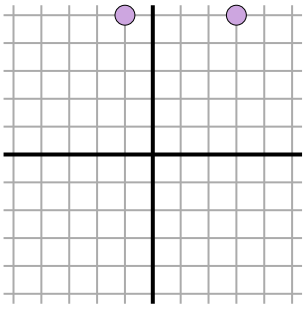
2)



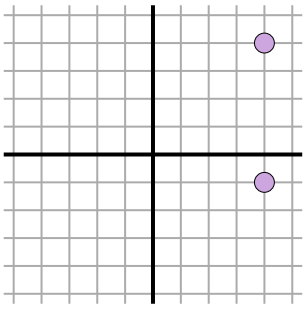
3)



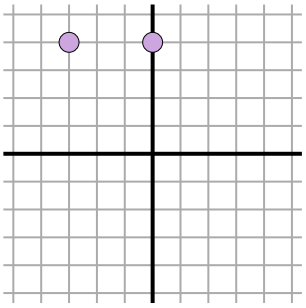
4)



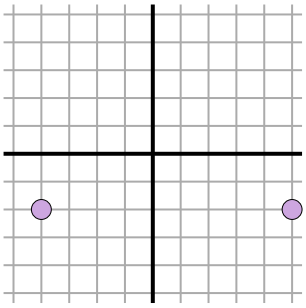
5)



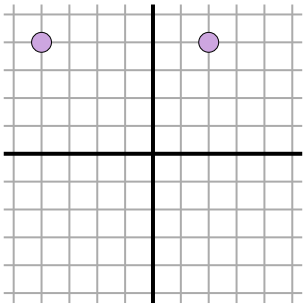
6)



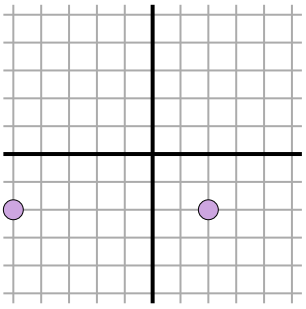
7)



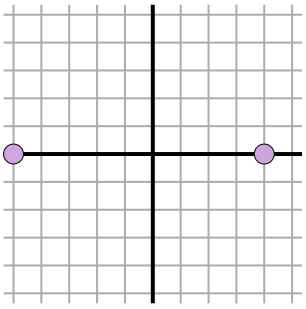
8)



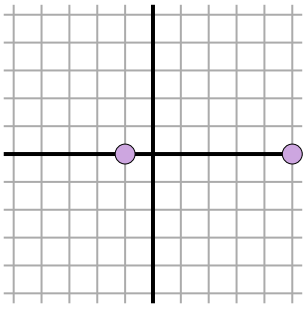
9)



10)



11)



Answers

Ex. 9

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

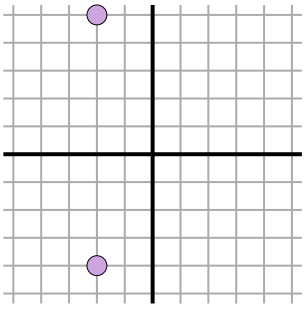
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name: **Answer Key**

Find the distance between points.

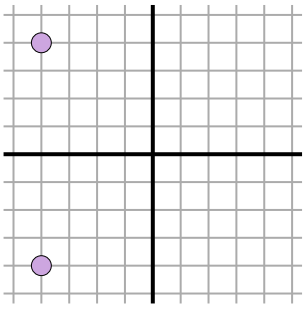
Ex)



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

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

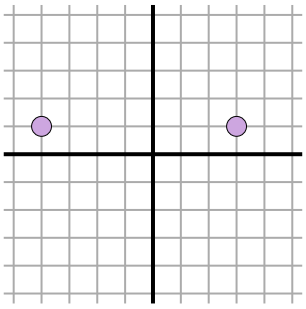
1)



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

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

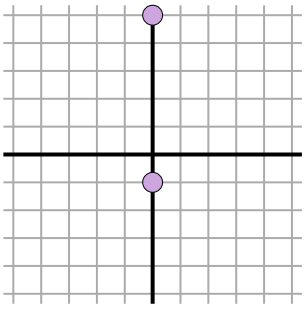
2)



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

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

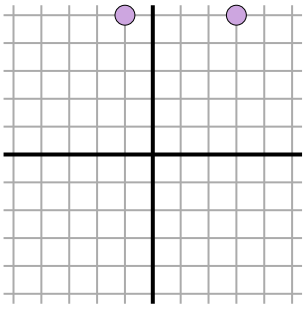
3)



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

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

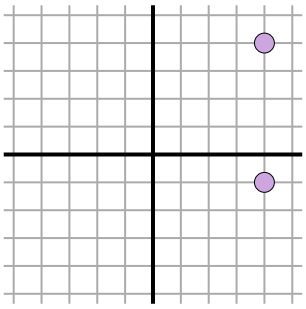
4)



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

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

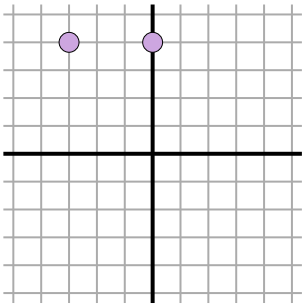
5)



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

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

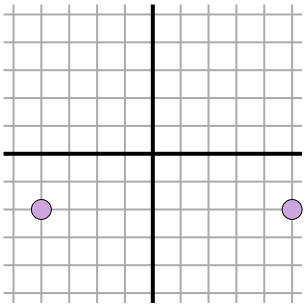
6)



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

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

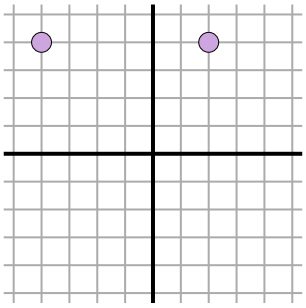
7)



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

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

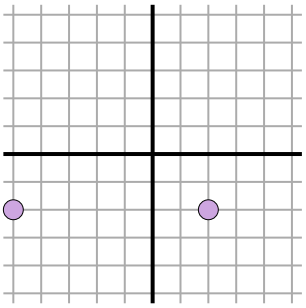
8)



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

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

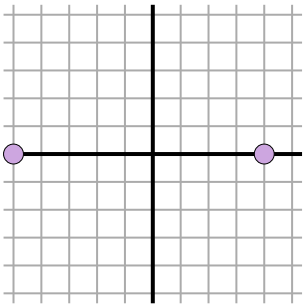
9)



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

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

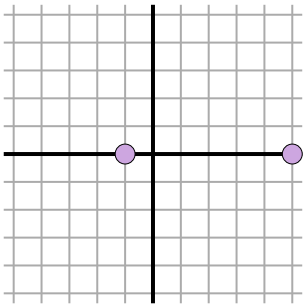
10)



$\sqrt{(-5-4)^2 + (0-0)^2}$

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

11)



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

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

Answers

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

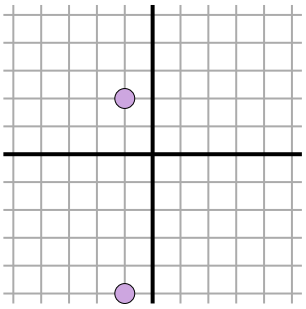
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

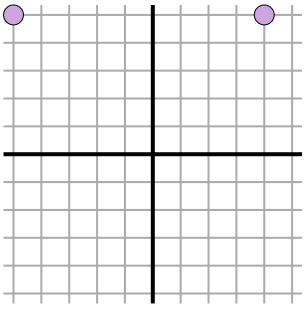
Name:

Find the distance between points.

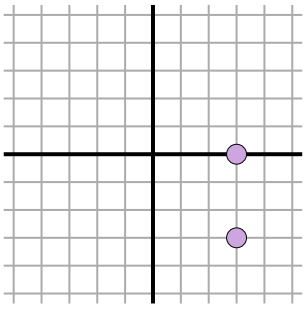
Ex)



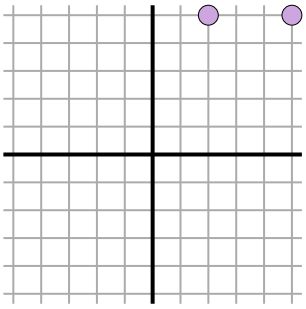
1)



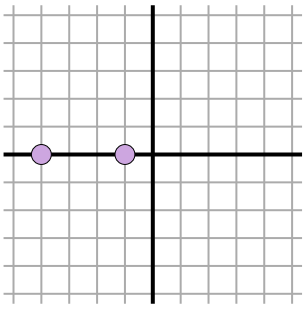
2)



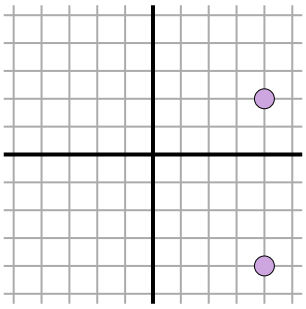
3)



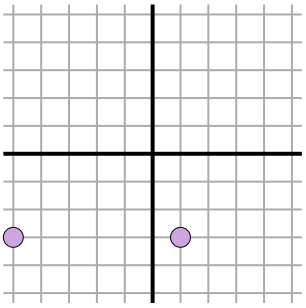
4)



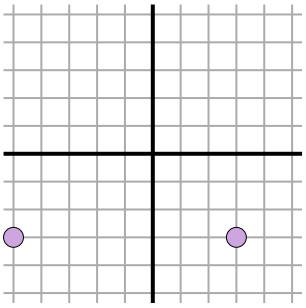
5)



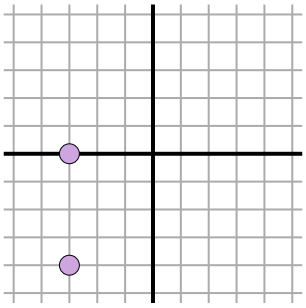
6)



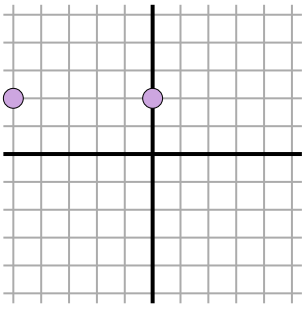
7)



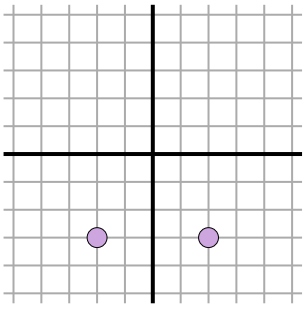
8)



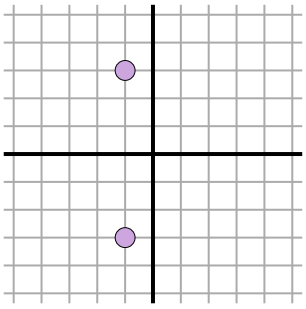
9)



10)



11)



Answers

Ex. 7

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

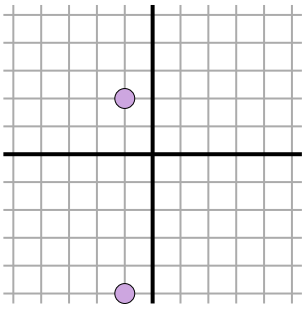
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name: **Answer Key**

Find the distance between points.

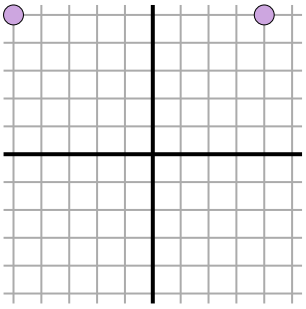
Ex)



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

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

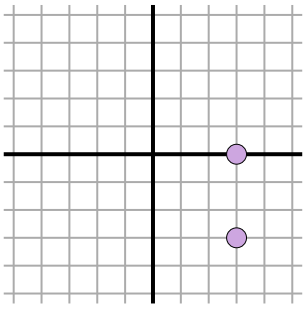
1)



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

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

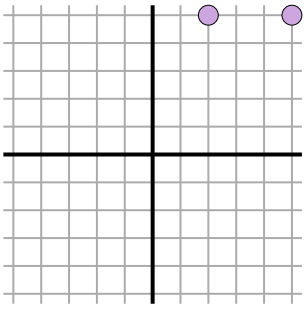
2)



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

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

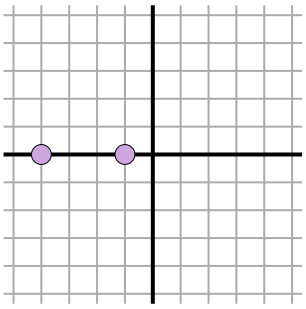
3)



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

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

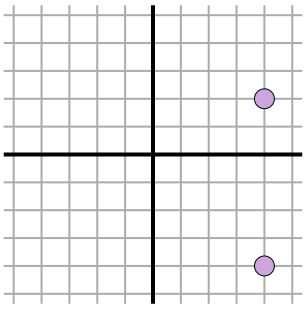
4)



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

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

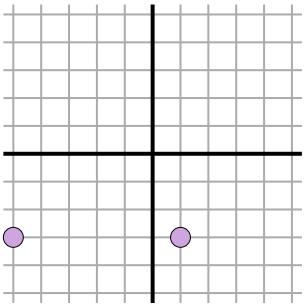
5)



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

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

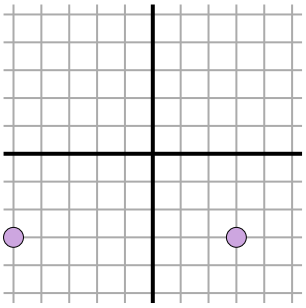
6)



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

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

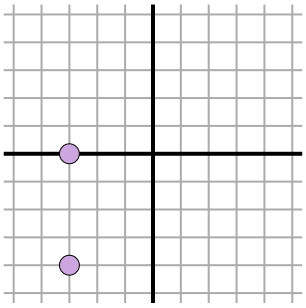
7)



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

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

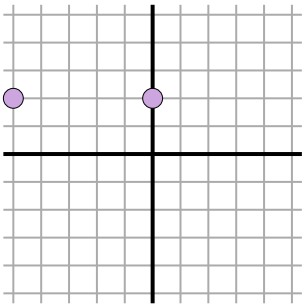
8)



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

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

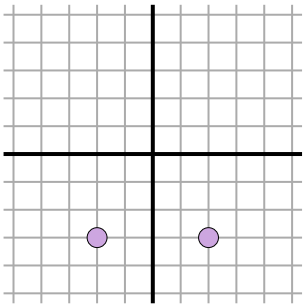
9)



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

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

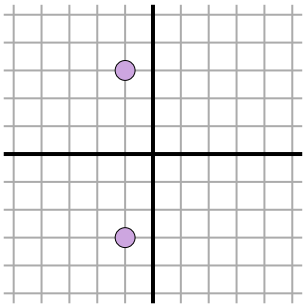
10)



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

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

11)



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

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

Answers

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

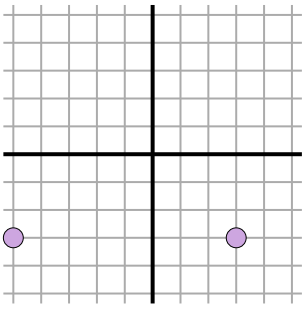
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

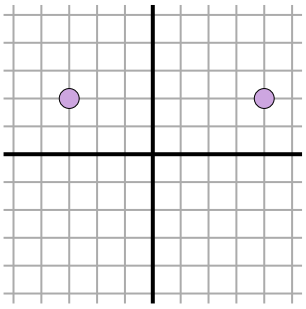
Name:

Find the distance between points.

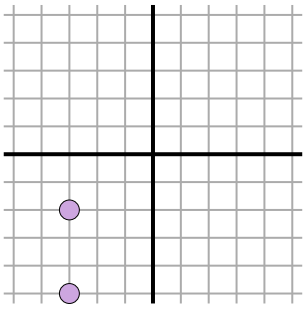
Ex)



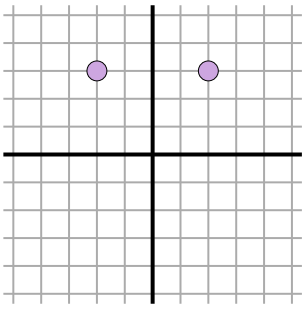
1)



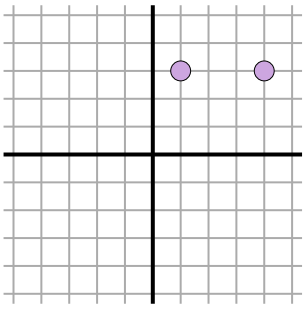
2)



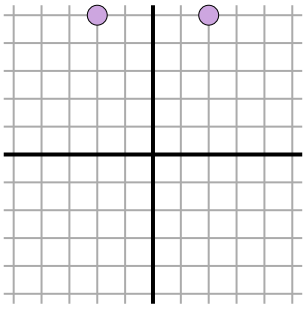
3)



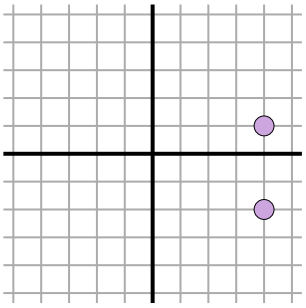
4)



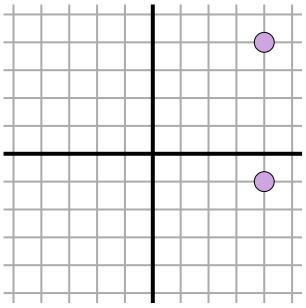
5)



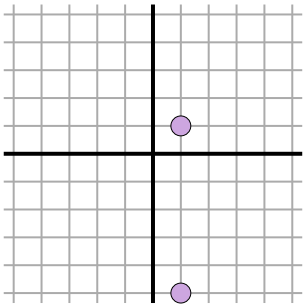
6)



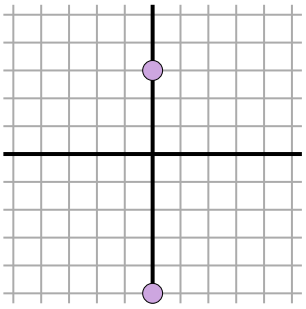
7)



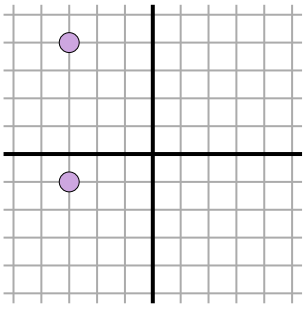
8)



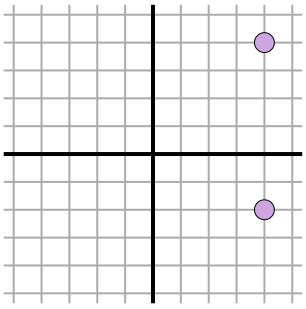
9)



10)



11)



Answers

Ex. 8

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

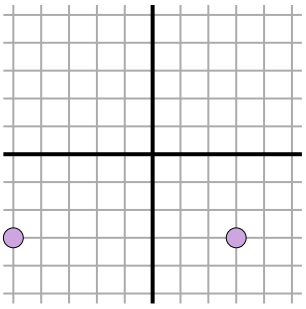
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name: **Answer Key**

Find the distance between points.

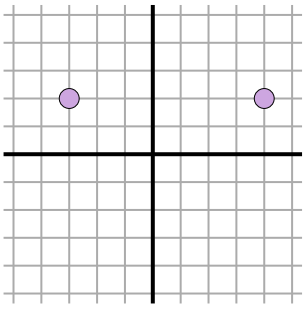
Ex)



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

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

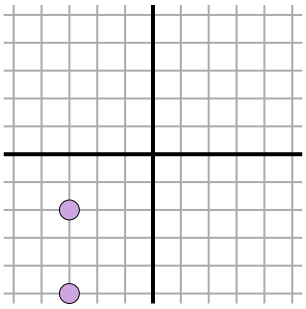
1)



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

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

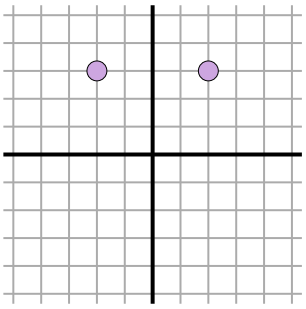
2)



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

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

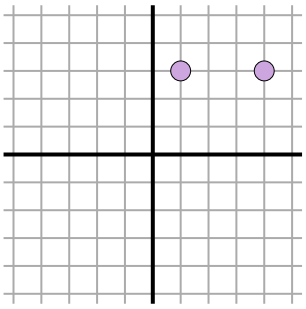
3)



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

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

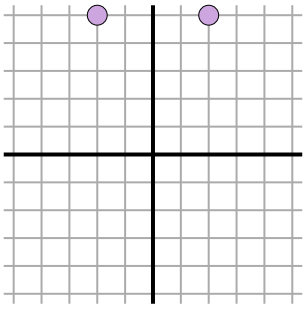
4)



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

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

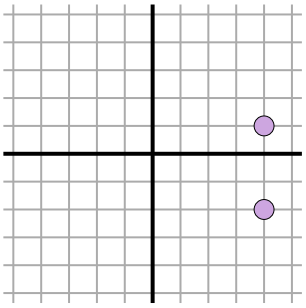
5)



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

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

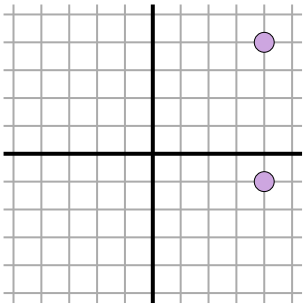
6)



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

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

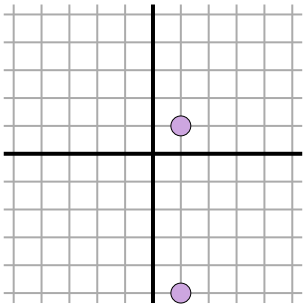
7)



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

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

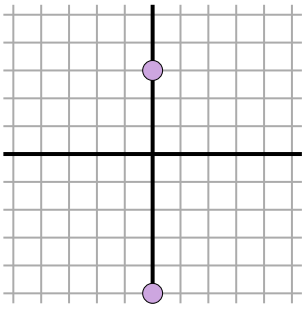
8)



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

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

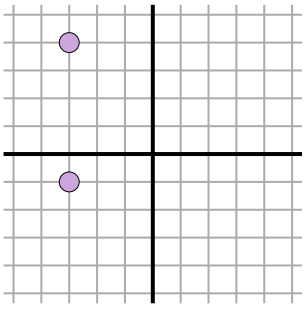
9)



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

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

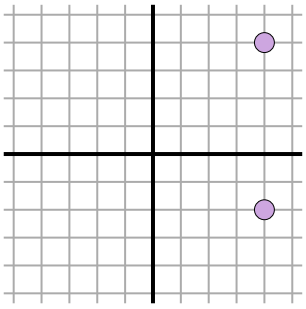
10)



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

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

11)



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

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

Answers

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

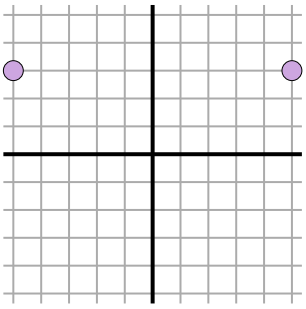
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

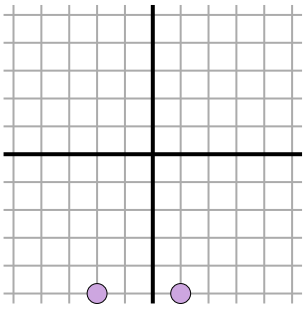
Name:

Find the distance between points.

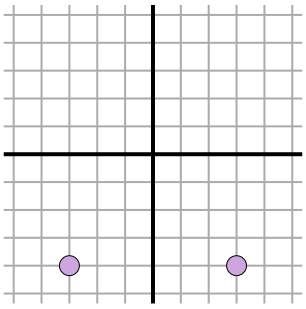
Ex)



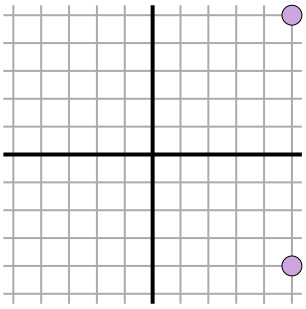
1)



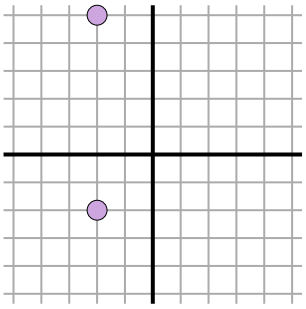
2)



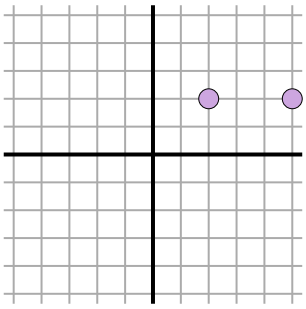
3)



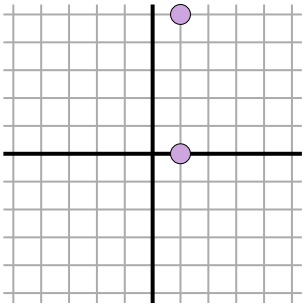
4)



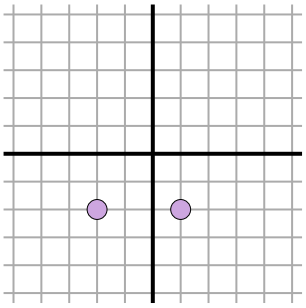
5)



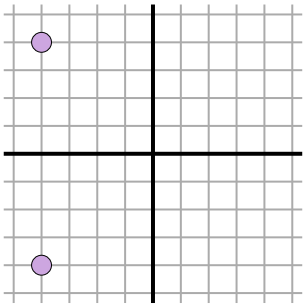
6)



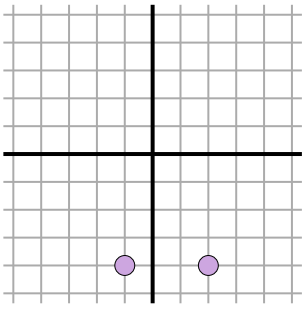
7)



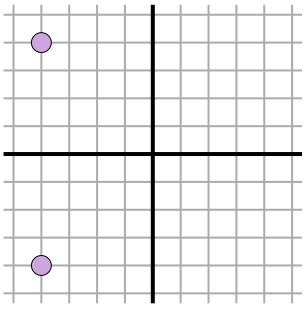
8)



9)



10)



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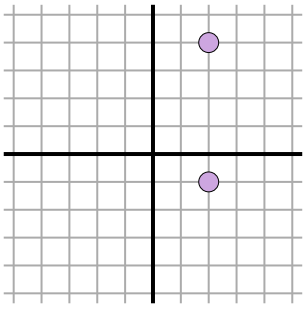


Answers

Ex. 10

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

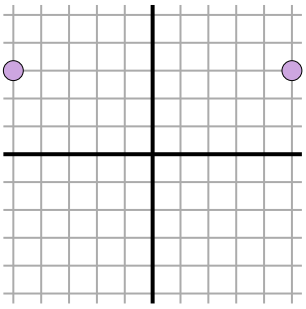
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name: **Answer Key**

Find the distance between points.

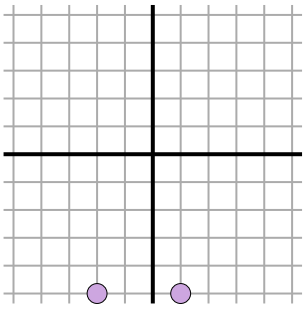
Ex)



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

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

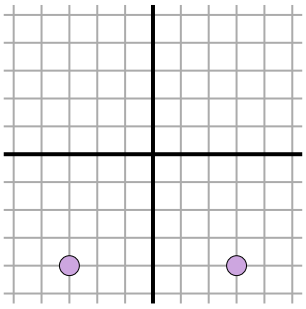
1)



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

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

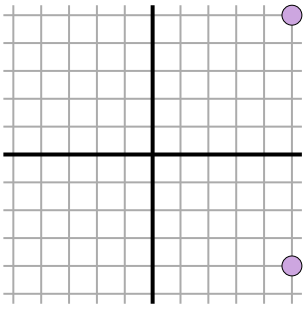
2)



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

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

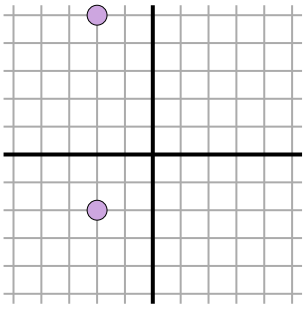
3)



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

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

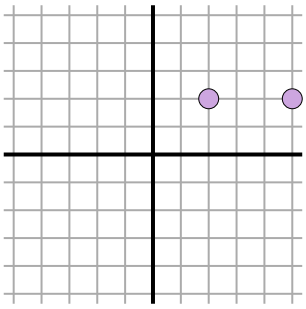
4)



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

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

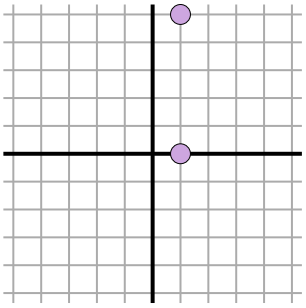
5)



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

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

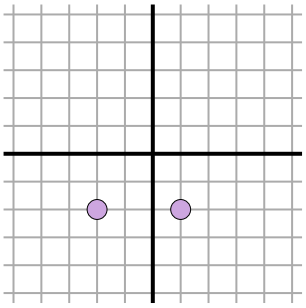
6)



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

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

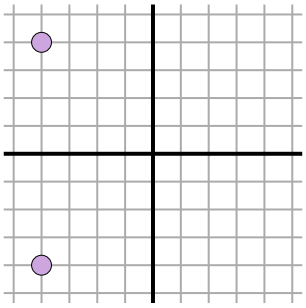
7)



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

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

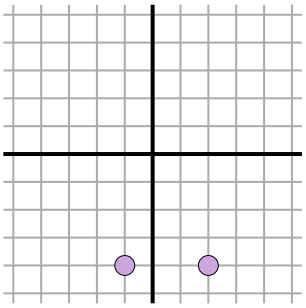
8)



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

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

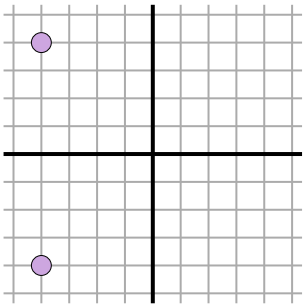
9)



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

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

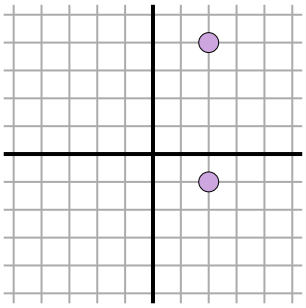
10)



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

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

11)



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

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

Answers

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

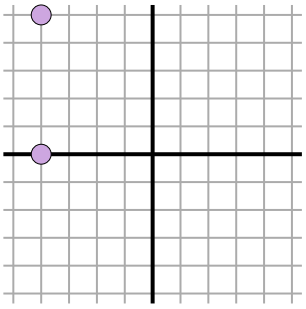
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

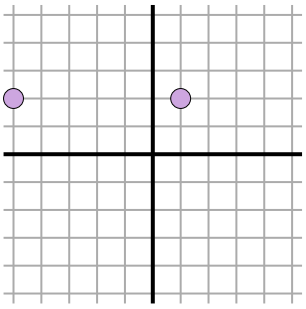
Name:

Find the distance between points.

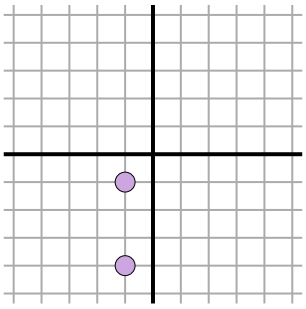
Ex)



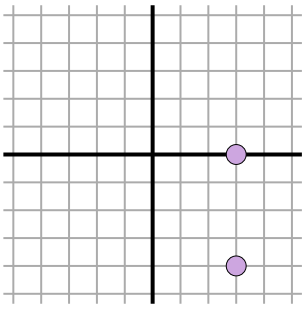
1)



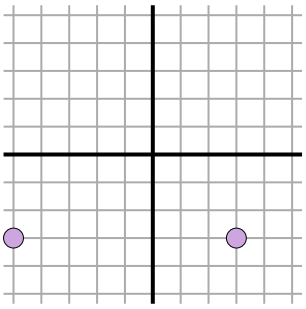
2)



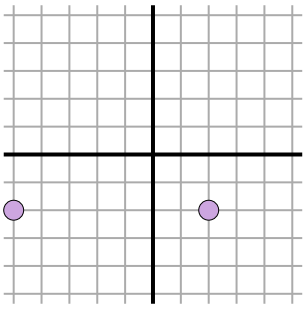
3)



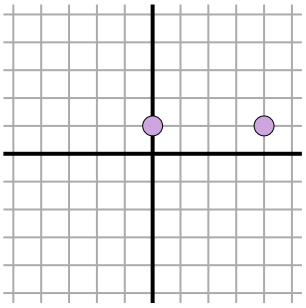
4)



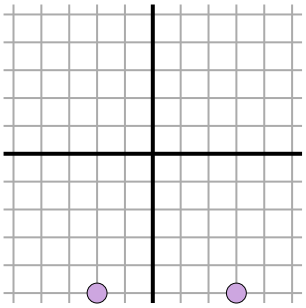
5)



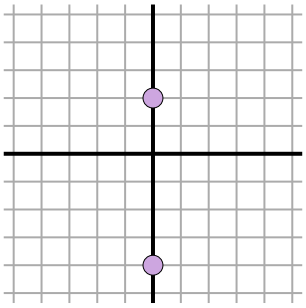
6)



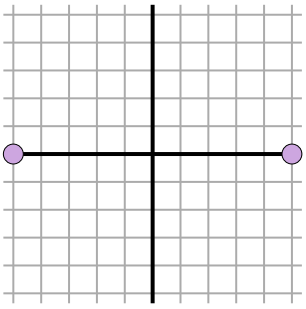
7)



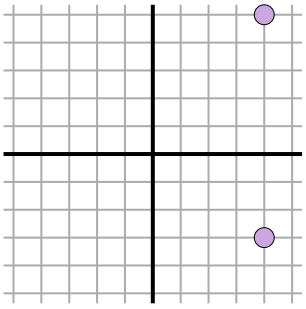
8)



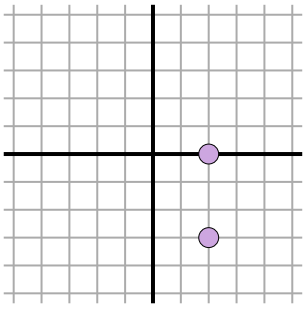
9)



10)



11)



Answers

Ex. 5

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

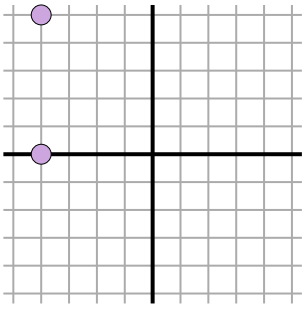
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name: **Answer Key**

Find the distance between points.

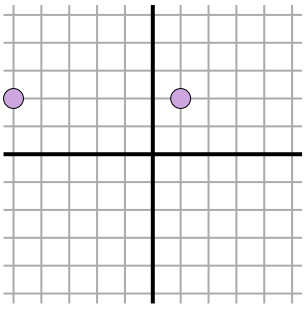
Ex)



$\sqrt{(-4--4)^2 + (5-0)^2}$

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

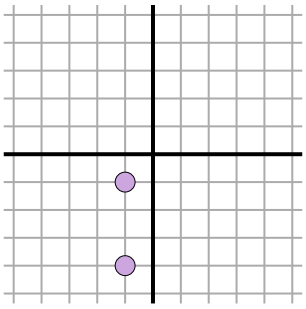
1)



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

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

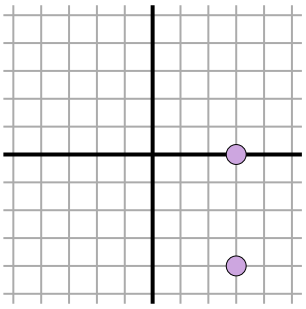
2)



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

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

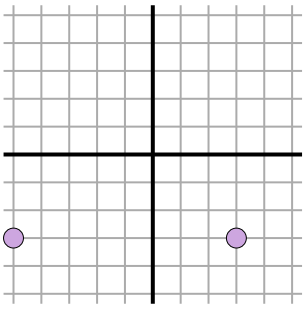
3)



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

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

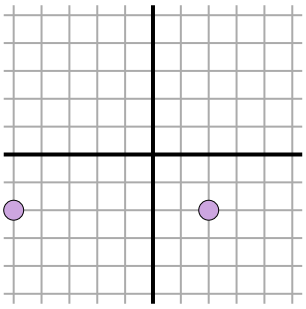
4)



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

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

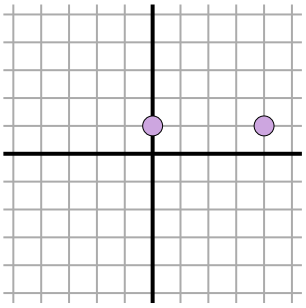
5)



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

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

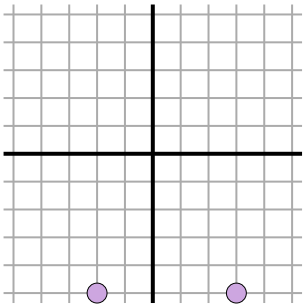
6)



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

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

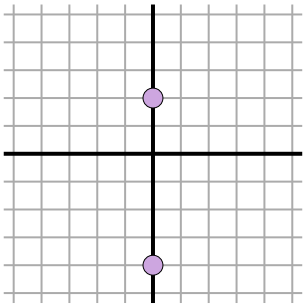
7)



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

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

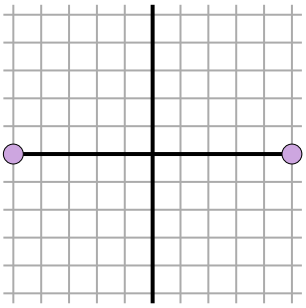
8)



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

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

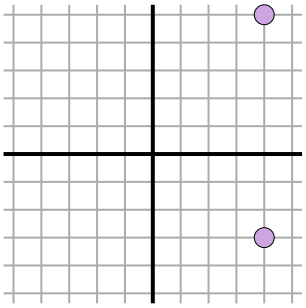
9)



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

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

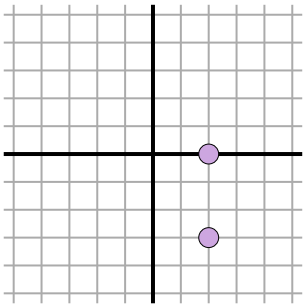
10)



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

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

11)



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

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

Answers

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

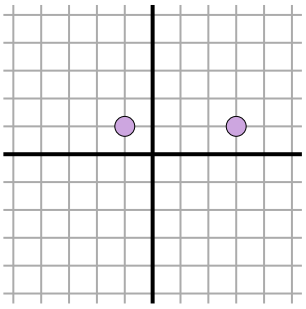
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

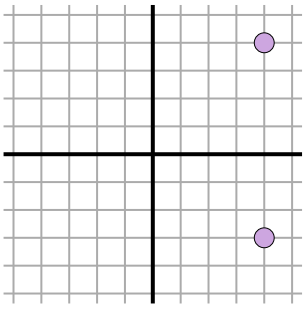
Name:

Find the distance between points.

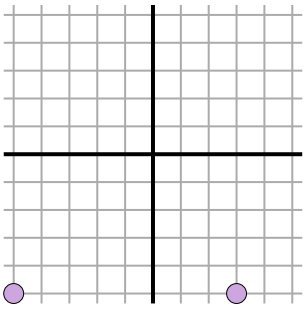
Ex)



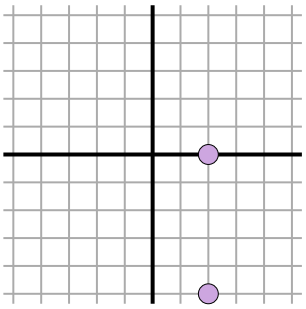
1)



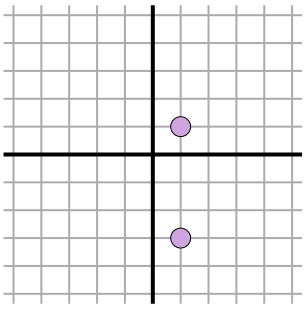
2)



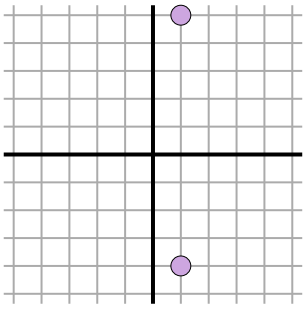
3)



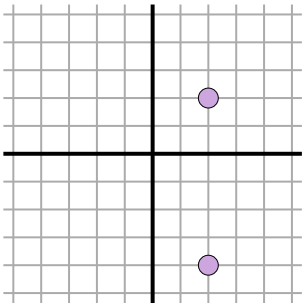
4)



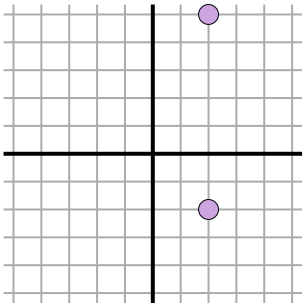
5)



6)



7)



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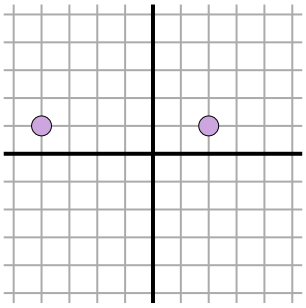
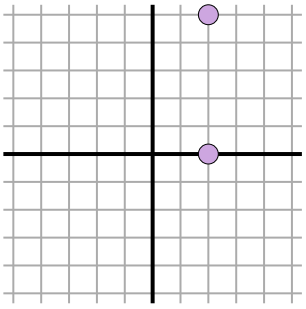


9)



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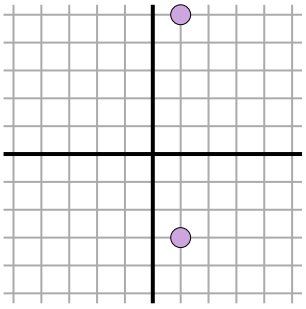
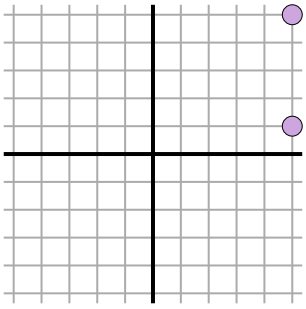


11)



Answers

Ex. 4

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

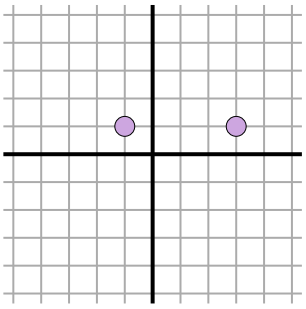
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name: **Answer Key**

Find the distance between points.

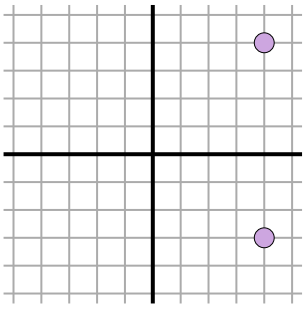
Ex)



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

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

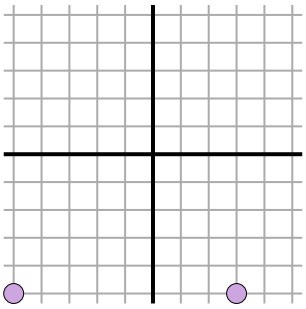
1)



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

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

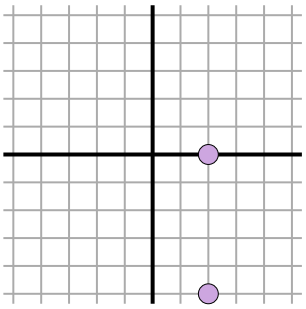
2)



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

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

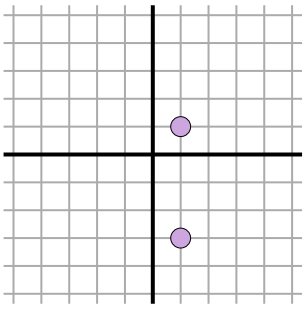
3)



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

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

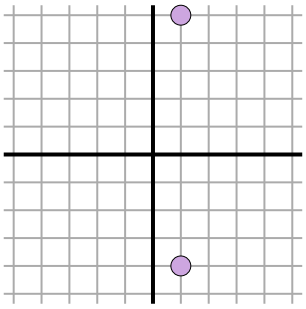
4)



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

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

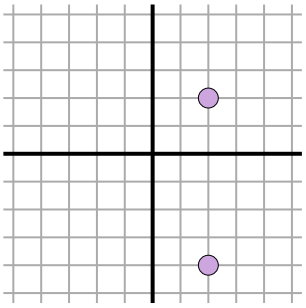
5)



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

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

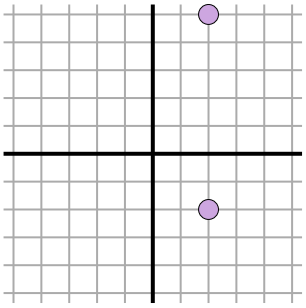
6)



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

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

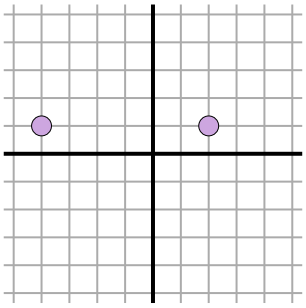
7)



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

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

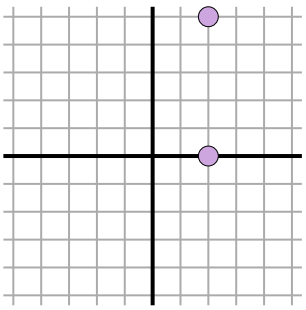
8)



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

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

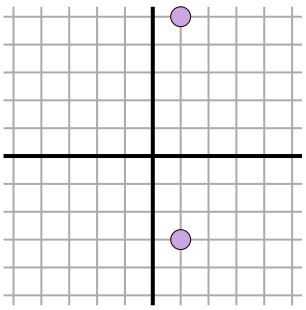
9)



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

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

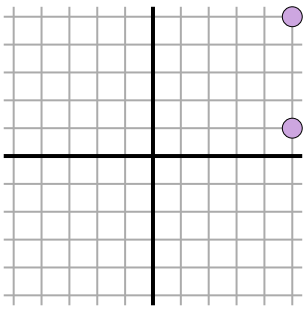
10)



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

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

11)



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

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

Answers

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

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