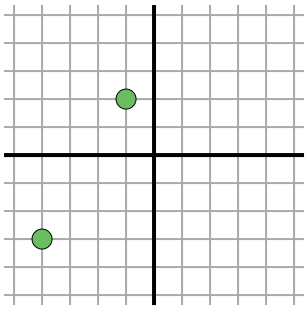
Finding Distance on a Grid

Name:

Find the distance between points. Round your answer to the nearest tenth.

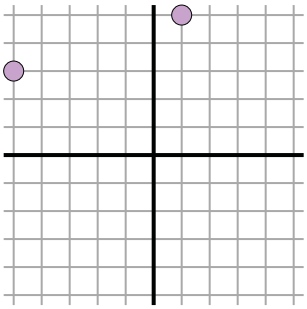
Ex)



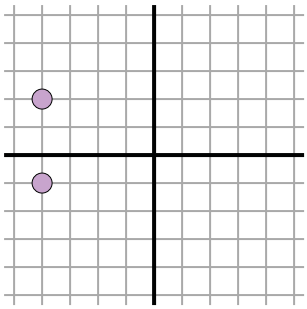
$\sqrt{(-1--4)^2 + (2--3)^2}$

$\sqrt{(9) + (25)}$

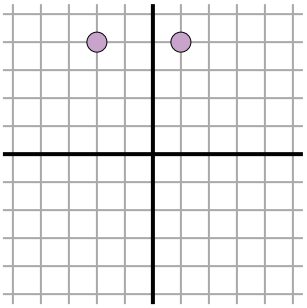
1)



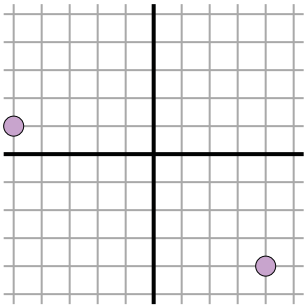
2)



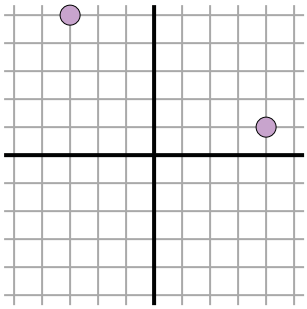
3)



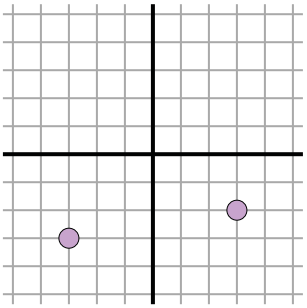
4)



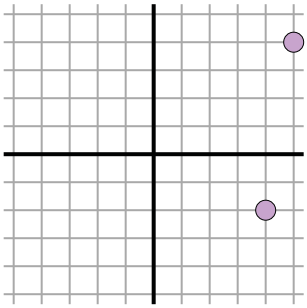
5)



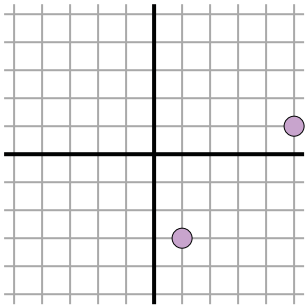
6)



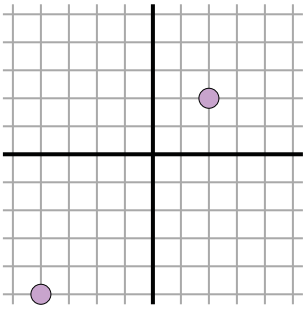
7)



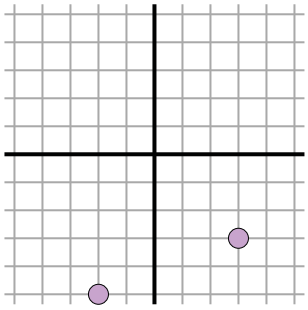
8)



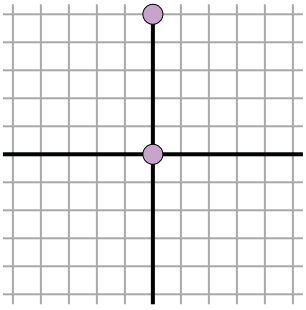
9)



10)



11)



Answers

Ex. 5.8

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

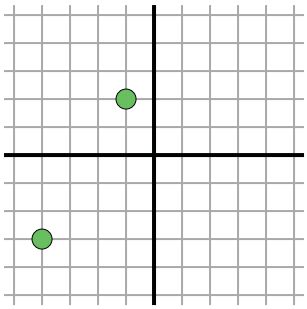
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name: **Answer Key**

Find the distance between points. Round your answer to the nearest tenth.

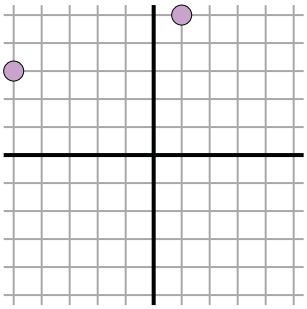
Ex)



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

$\sqrt{(9) + (25)}$

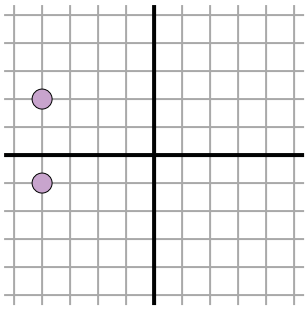
1)



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

$\sqrt{(36) + (4)}$

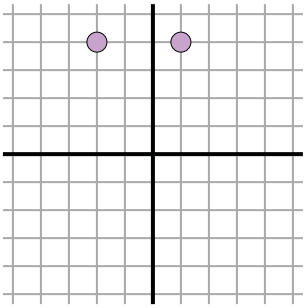
2)



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

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

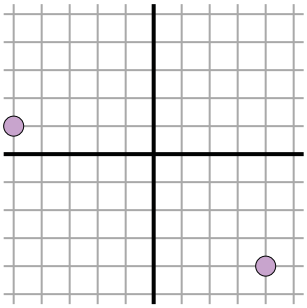
3)



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

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

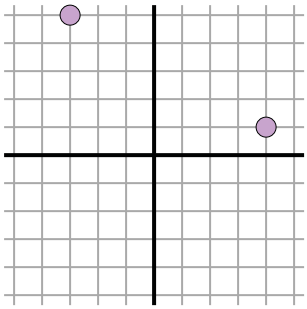
4)



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

$\sqrt{(81) + (25)}$

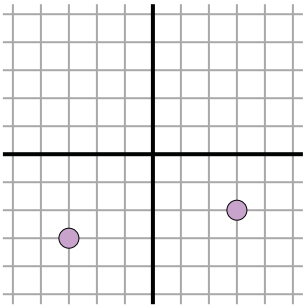
5)



$\sqrt{(4\text{--}3)^2 + (1-5)^2}$

$\sqrt{(49) + (16)}$

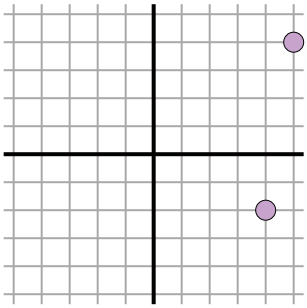
6)



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

$\sqrt{(36) + (1)}$

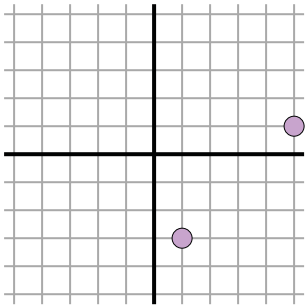
7)



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

$\sqrt{(1) + (36)}$

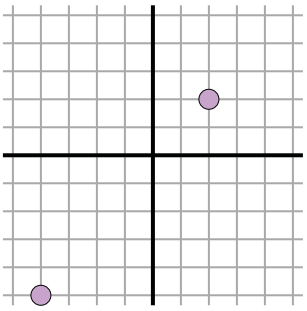
8)



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

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

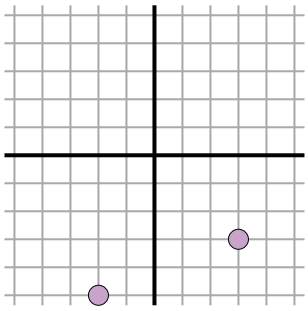
9)



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

$\sqrt{(36) + (49)}$

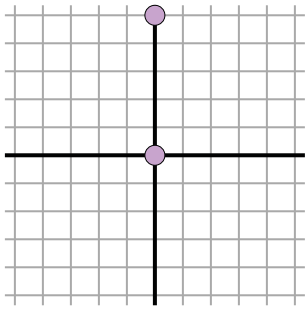
10)



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

$\sqrt{(25) + (4)}$

11)



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

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

Answers

Ex.	5.8
1.	6.3
2.	3
3.	3
4.	10.3
5.	8.1
6.	6.1
7.	6.1
8.	5.7
9.	9.2
10.	5.4
11.	5

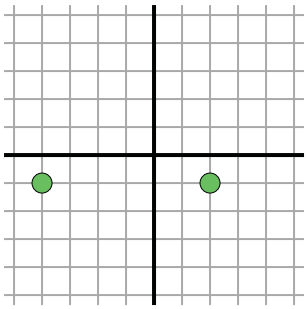
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name:

Find the distance between points. Round your answer to the nearest tenth.

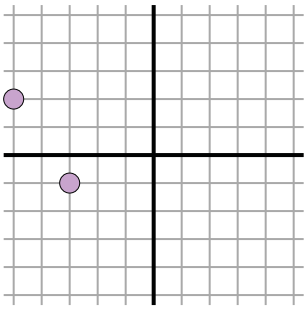
Ex)



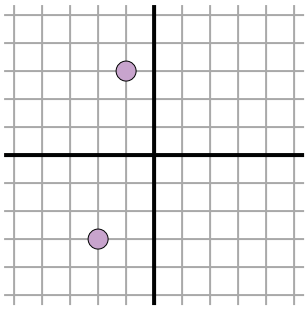
$\sqrt{(-4-2)^2 + (-1--1)^2}$

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

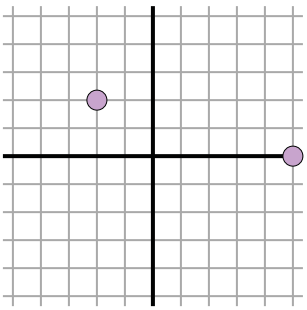
1)



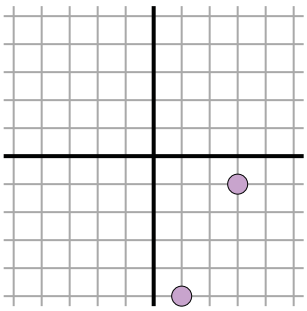
2)



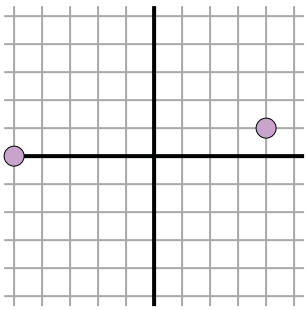
3)



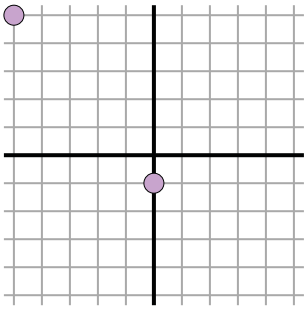
4)



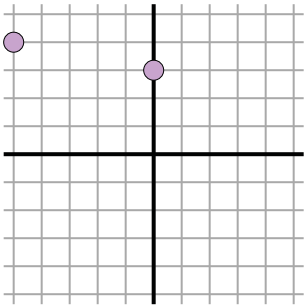
5)



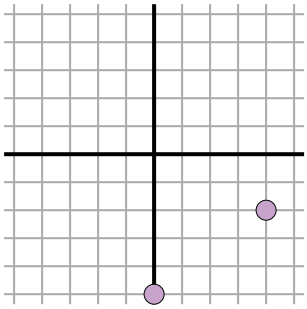
6)



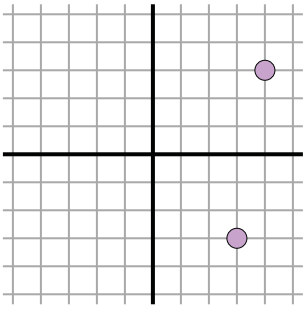
7)



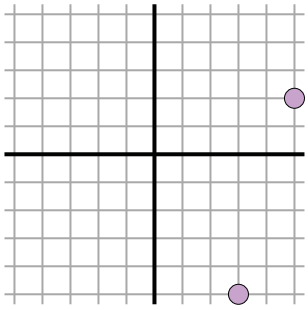
8)



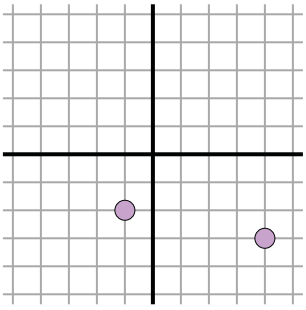
9)



10)



11)



Answers

Ex. 6

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

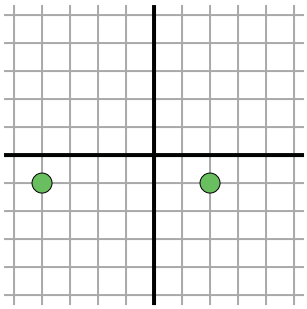
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name: **Answer Key**

Find the distance between points. Round your answer to the nearest tenth.

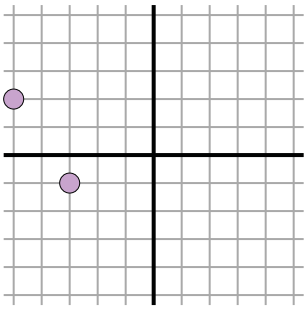
Ex)



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

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

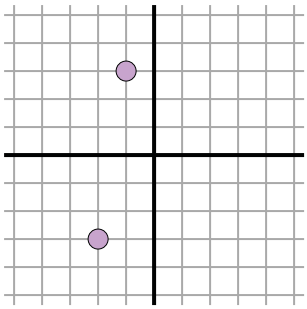
1)



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

$\sqrt{(4) + (9)}$

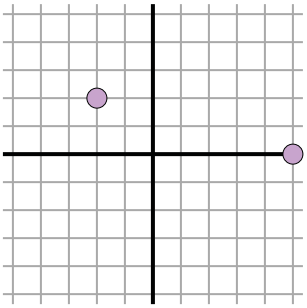
2)



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

$\sqrt{(1) + (36)}$

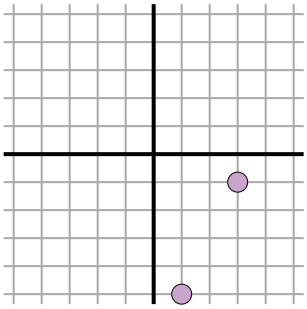
3)



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

$\sqrt{(49) + (4)}$

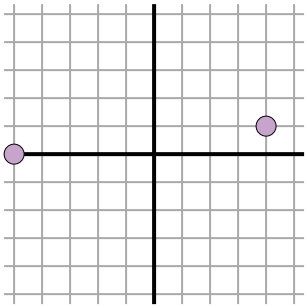
4)



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

$\sqrt{(4) + (16)}$

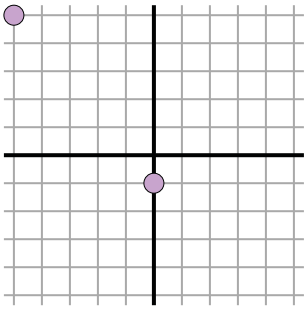
5)



$\sqrt{(-5-4)^2 + (0-1)^2}$

$\sqrt{(81) + (1)}$

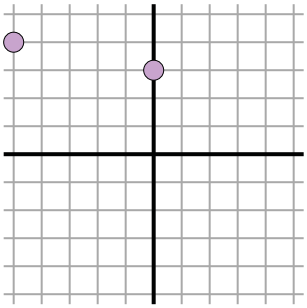
6)



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

$\sqrt{(25) + (36)}$

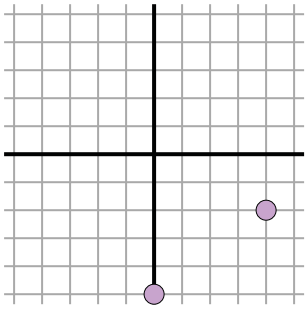
7)



$\sqrt{(0--5)^2 + (3-4)^2}$

$\sqrt{(25) + (1)}$

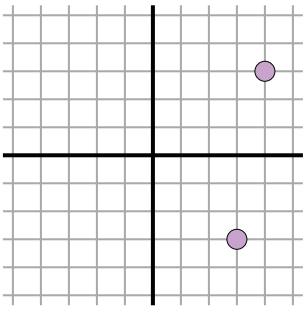
8)



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

$\sqrt{(16) + (9)}$

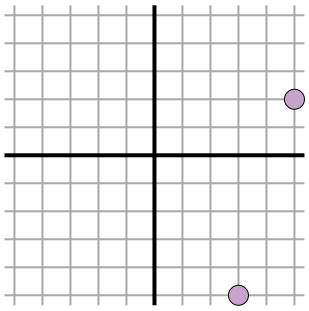
9)



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

$\sqrt{(1) + (36)}$

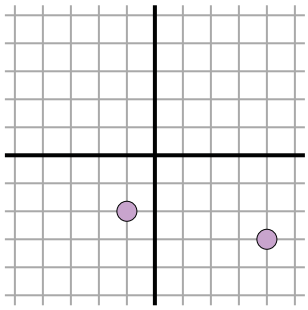
10)



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

$\sqrt{(4) + (49)}$

11)



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

$\sqrt{(25) + (1)}$

Answers

Ex.	6
1.	3.6
2.	6.1
3.	7.3
4.	4.5
5.	9.1
6.	7.8
7.	5.1
8.	5
9.	6.1
10.	7.3
11.	5.1

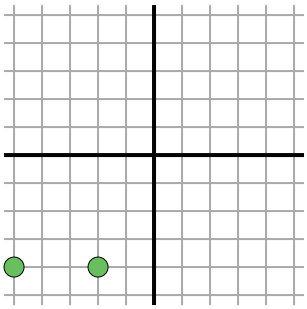
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name:

Find the distance between points. Round your answer to the nearest tenth.

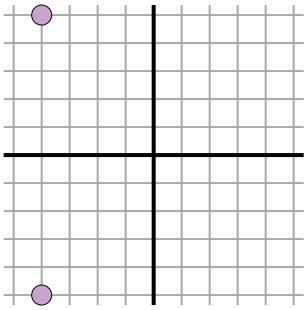
Ex)



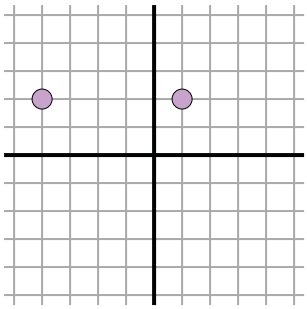
$\sqrt{(-2--5)^2 + (-4--4)^2}$

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

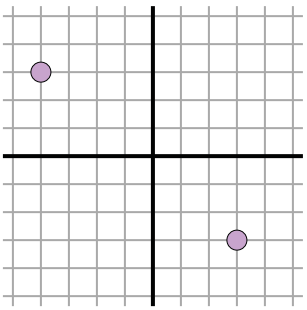
1)



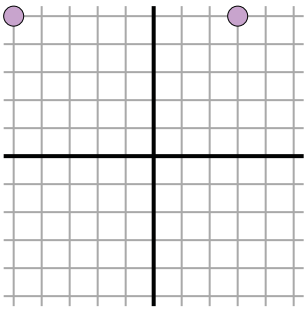
2)



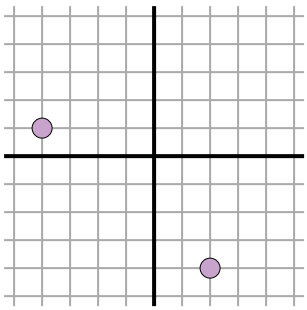
3)



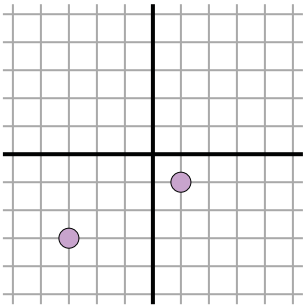
4)



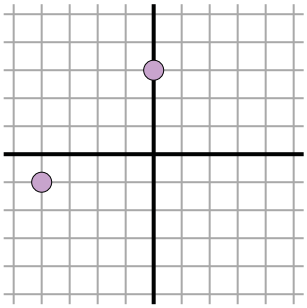
5)



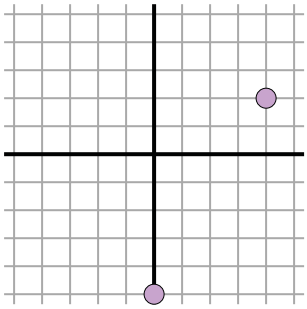
6)



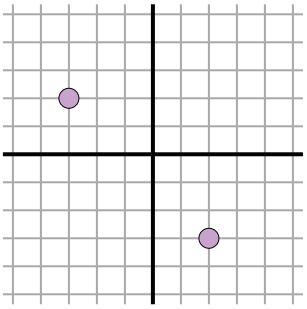
7)



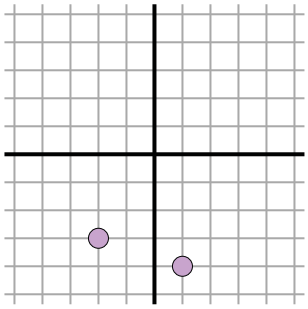
8)



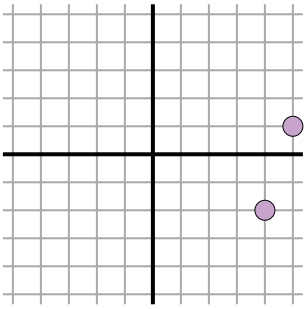
9)



10)



11)



Answers

Ex. 3

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

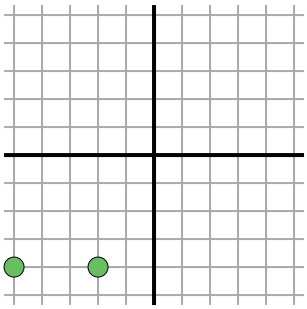
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name: **Answer Key**

Find the distance between points. Round your answer to the nearest tenth.

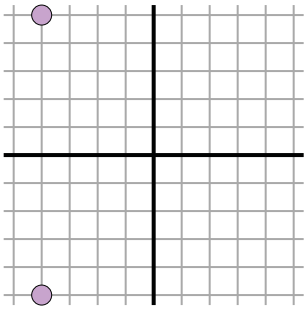
Ex)



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

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

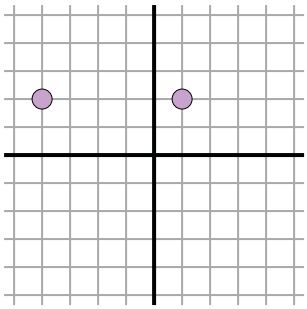
1)



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

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

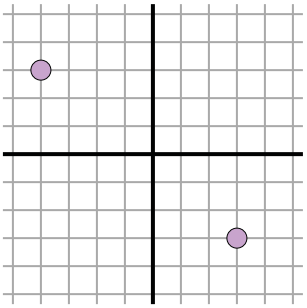
2)



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

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

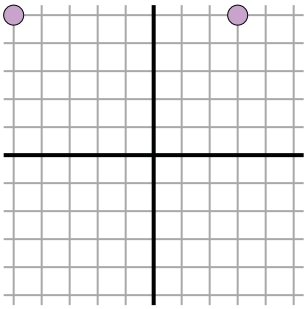
3)



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

$\sqrt{(49) + (36)}$

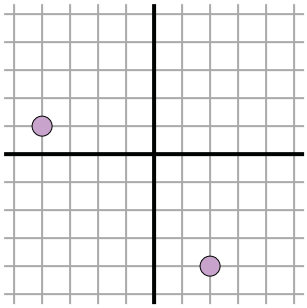
4)



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

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

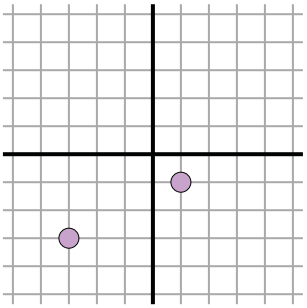
5)



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

$\sqrt{(36) + (25)}$

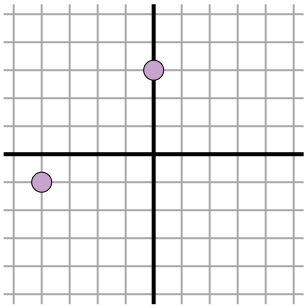
6)



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

$\sqrt{(16) + (4)}$

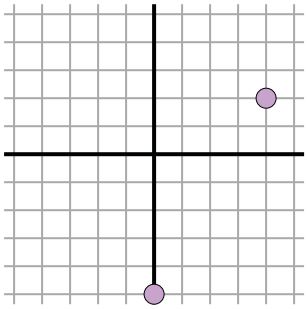
7)



$\sqrt{(0--4)^2 + (3--1)^2}$

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

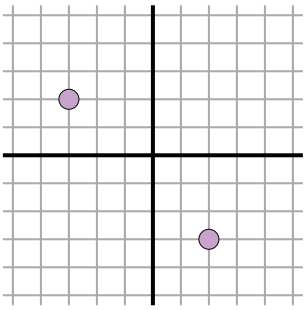
8)



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

$\sqrt{(16) + (49)}$

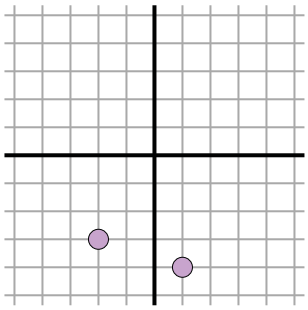
9)



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

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

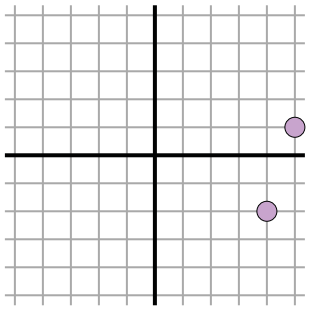
10)



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

$\sqrt{(9) + (1)}$

11)



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

$\sqrt{(1) + (9)}$

Answers

Ex.	3
1.	10
2.	5
3.	9.2
4.	8
5.	7.8
6.	4.5
7.	5.7
8.	8.1
9.	7.1
10.	3.2
11.	3.2

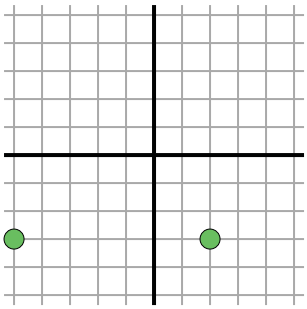
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name:

Find the distance between points. Round your answer to the nearest tenth.

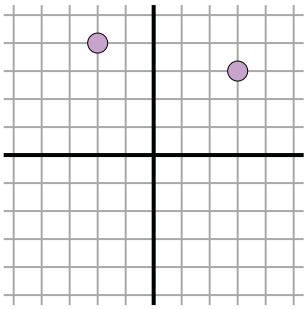
Ex)



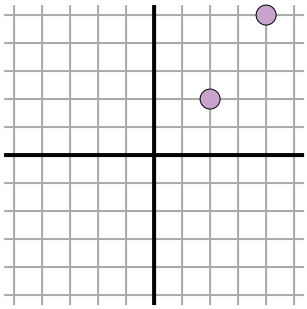
$\sqrt{(-5-2)^2 + (-3--3)^2}$

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

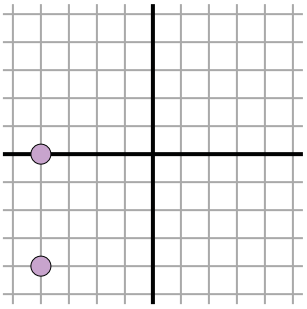
1)



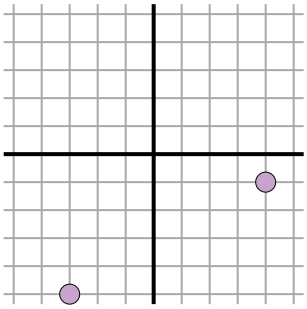
2)



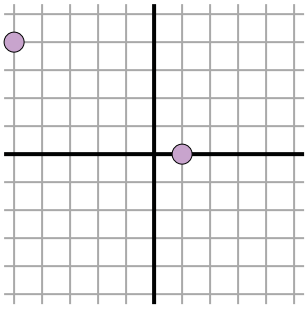
3)



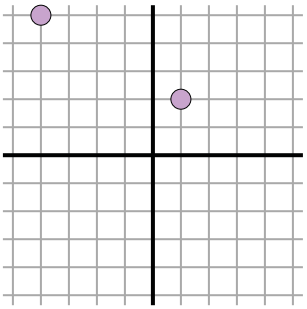
4)



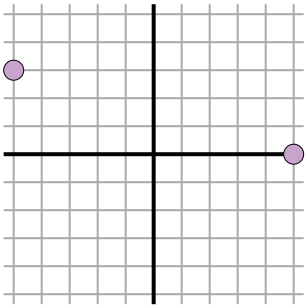
5)



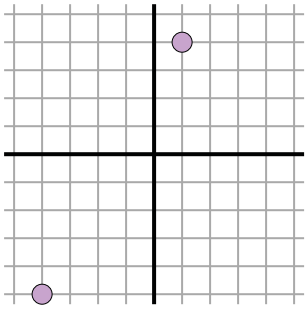
6)



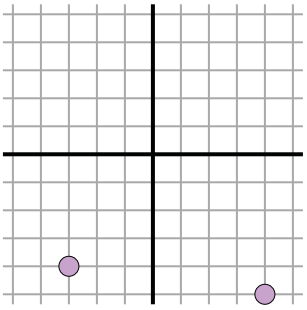
7)



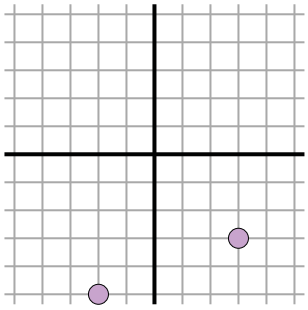
8)



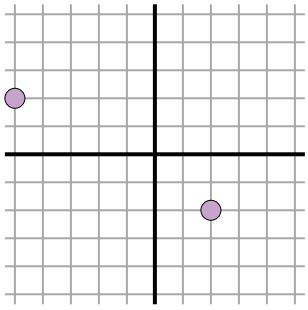
9)



10)



11)



Answers

Ex. 7

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

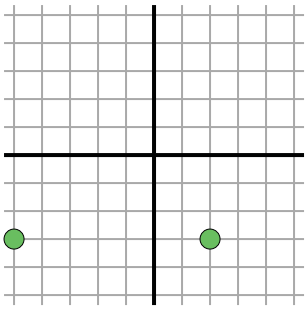
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name: **Answer Key**

Find the distance between points. Round your answer to the nearest tenth.

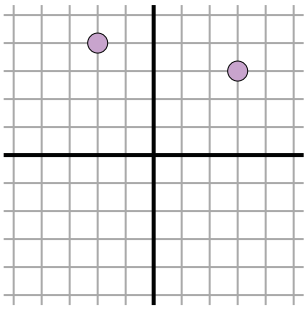
Ex)



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

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

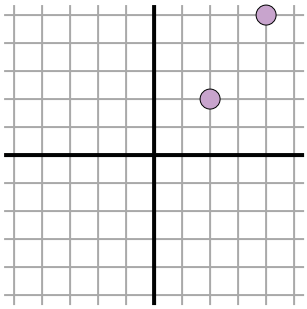
1)



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

$\sqrt{(25) + (1)}$

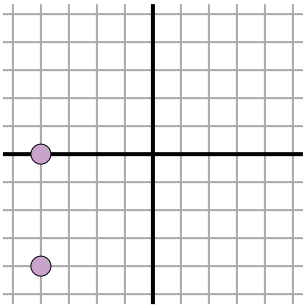
2)



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

$\sqrt{(4) + (9)}$

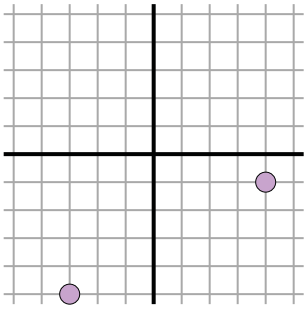
3)



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

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

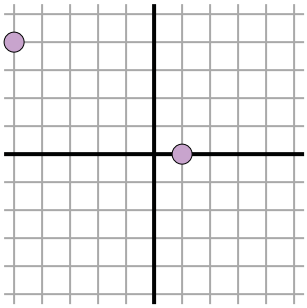
4)



$\sqrt{(-3-4)^2 + (-5--1)^2}$

$\sqrt{(49) + (16)}$

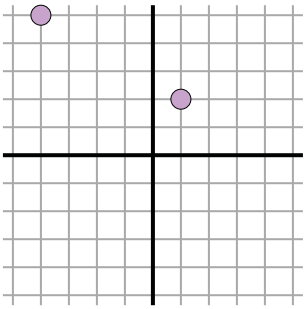
5)



$\sqrt{(-5-1)^2 + (4-0)^2}$

$\sqrt{(36) + (16)}$

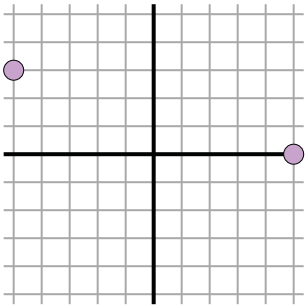
6)



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

$\sqrt{(25) + (9)}$

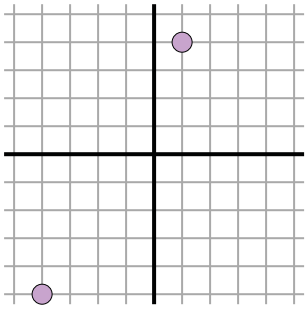
7)



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

$\sqrt{(100) + (9)}$

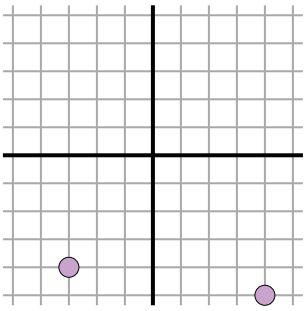
8)



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

$\sqrt{(25) + (81)}$

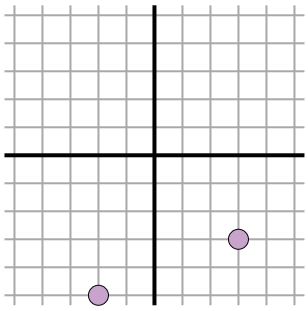
9)



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

$\sqrt{(49) + (1)}$

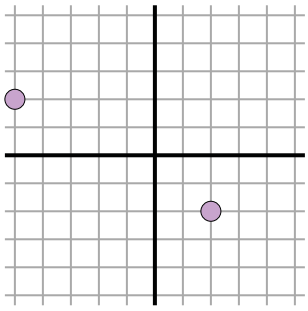
10)



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

$\sqrt{(25) + (4)}$

11)



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

$\sqrt{(49) + (16)}$

Answers

Ex.	7
1.	5.1
2.	3.6
3.	4
4.	8.1
5.	7.2
6.	5.8
7.	10.4
8.	10.3
9.	7.1
10.	5.4
11.	8.1

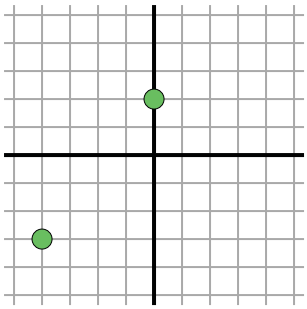
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name:

Find the distance between points. Round your answer to the nearest tenth.

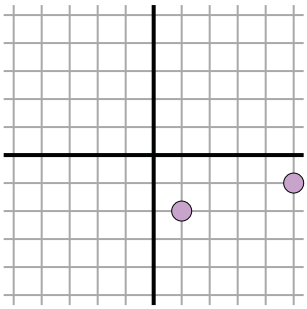
Ex)



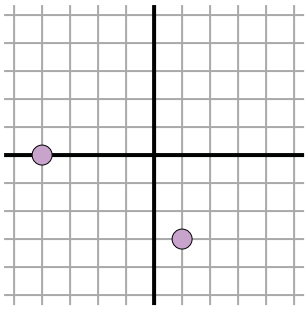
$\sqrt{(-4-0)^2 + (-3-2)^2}$

$\sqrt{(16) + (25)}$

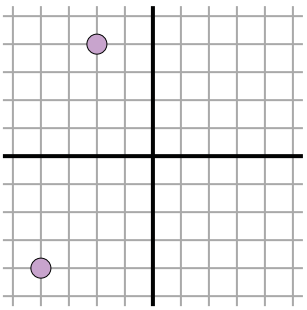
1)



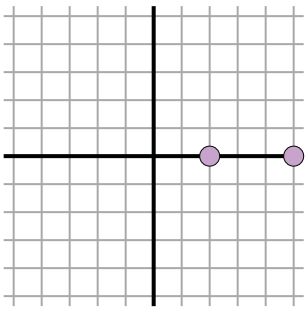
2)



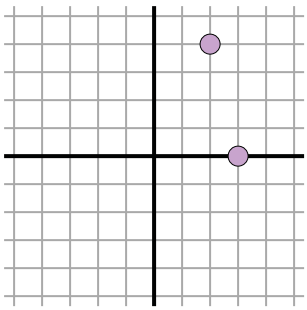
3)



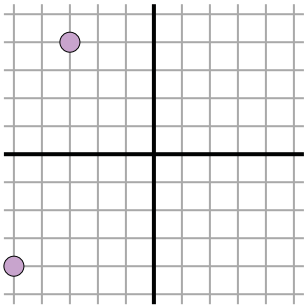
4)



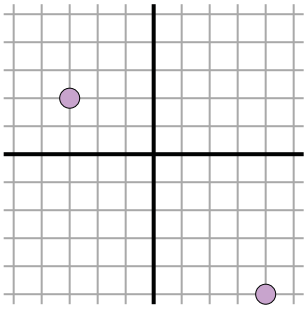
5)



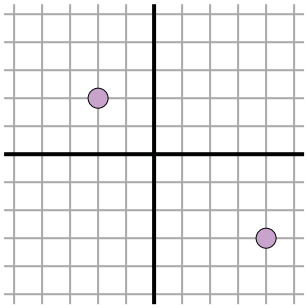
6)



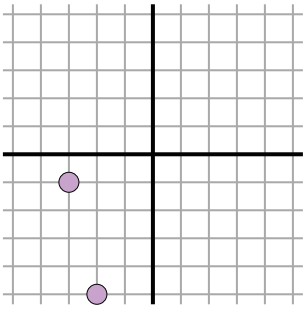
7)



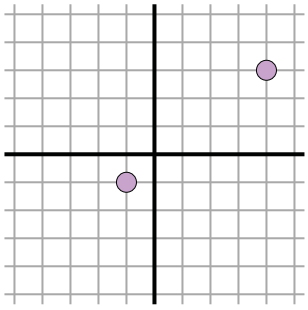
8)



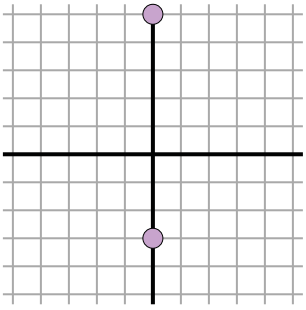
9)



10)



11)



Answers

Ex. 6.4

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

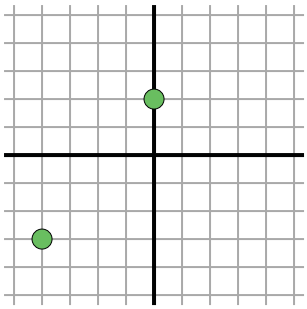
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name: **Answer Key**

Find the distance between points. Round your answer to the nearest tenth.

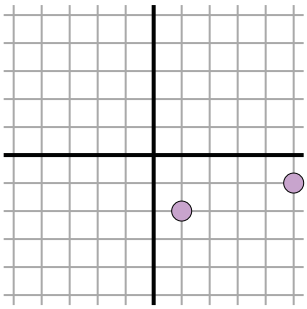
Ex)



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

$\sqrt{(16) + (25)}$

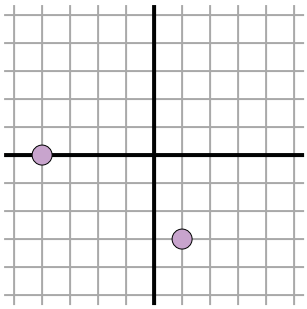
1)



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

$\sqrt{(16) + (1)}$

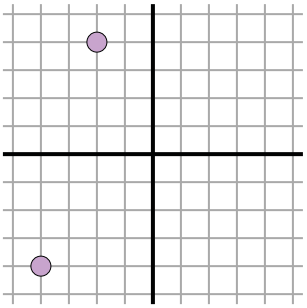
2)



$\sqrt{(-4-1)^2 + (0--3)^2}$

$\sqrt{(25) + (9)}$

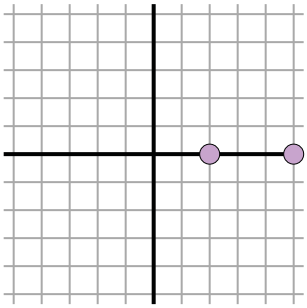
3)



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

$\sqrt{(4) + (64)}$

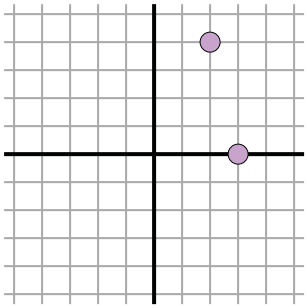
4)



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

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

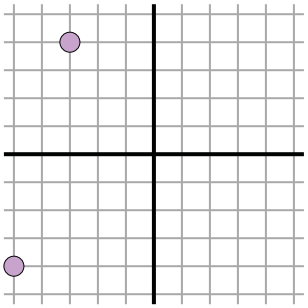
5)



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

$\sqrt{(1) + (16)}$

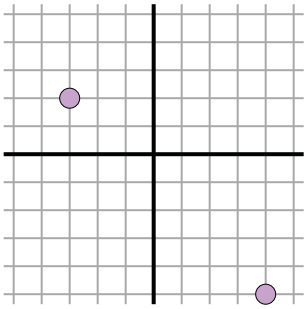
6)



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

$\sqrt{(4) + (64)}$

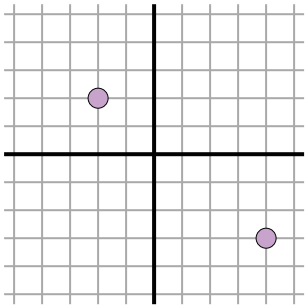
7)



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

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

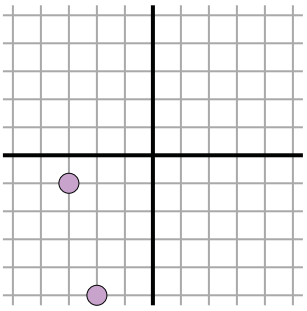
8)



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

$\sqrt{(36) + (25)}$

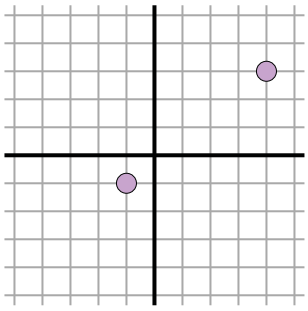
9)



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

$\sqrt{(1) + (16)}$

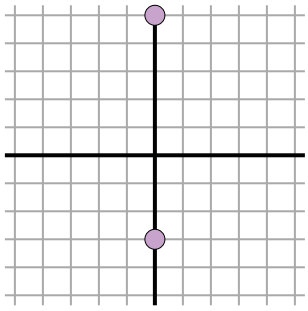
10)



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

$\sqrt{(25) + (16)}$

11)



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

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

Answers

Ex.	6.4
1.	4.1
2.	5.8
3.	8.2
4.	3
5.	4.1
6.	8.2
7.	9.9
8.	7.8
9.	4.1
10.	6.4
11.	8

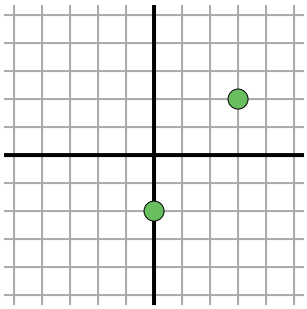
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name:

Find the distance between points. Round your answer to the nearest tenth.

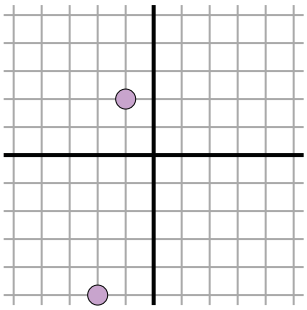
Ex)



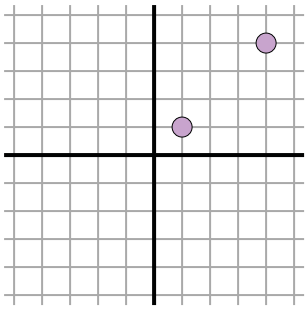
$\sqrt{(0-3)^2 + (-2-2)^2}$

$\sqrt{(9) + (16)}$

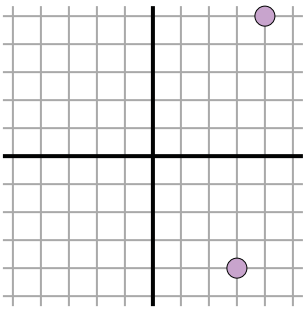
1)



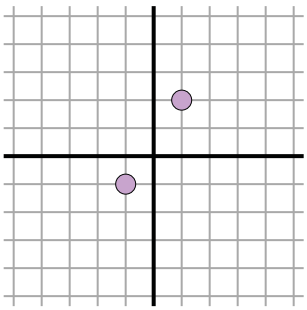
2)



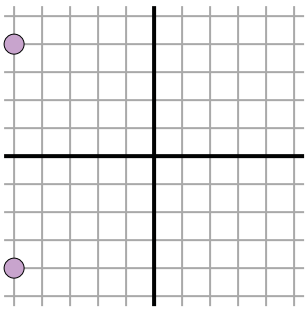
3)



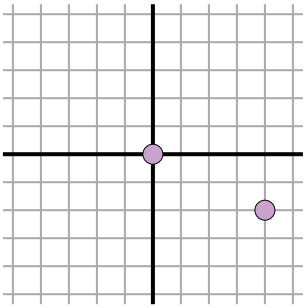
4)



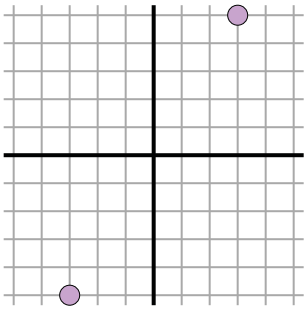
5)



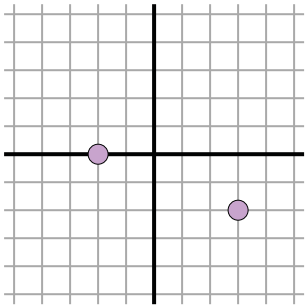
6)



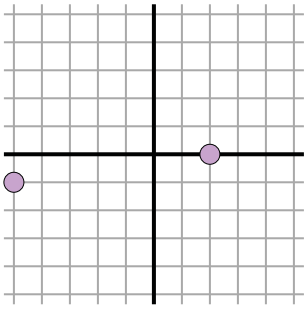
7)



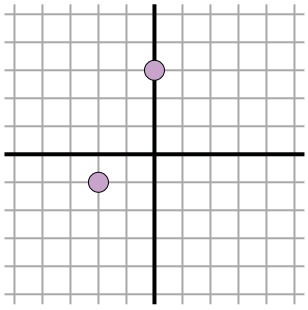
8)



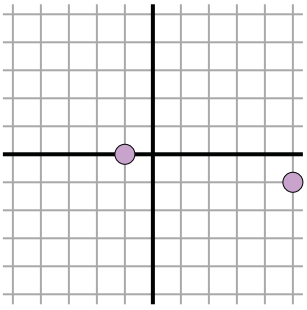
9)



10)



11)



Answers

Ex. 5

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

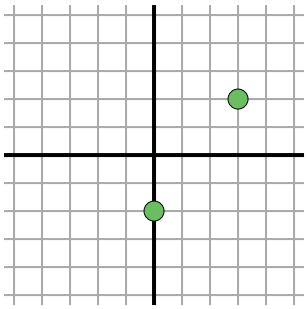
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name: **Answer Key**

Find the distance between points. Round your answer to the nearest tenth.

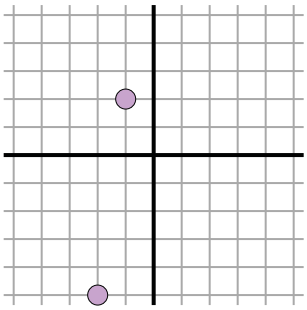
Ex)



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

$\sqrt{(9) + (16)}$

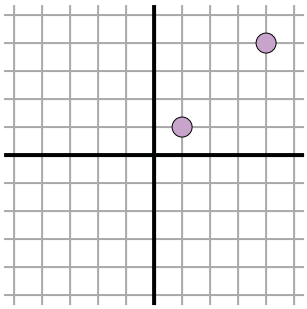
1)



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

$\sqrt{(1) + (49)}$

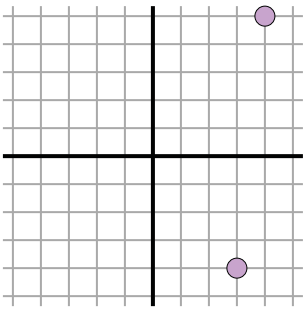
2)



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

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

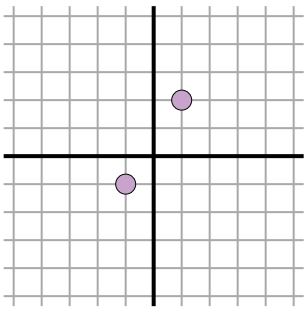
3)



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

$\sqrt{(1) + (81)}$

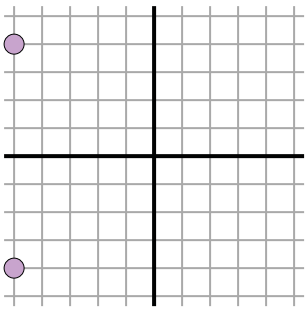
4)



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

$\sqrt{(4) + (9)}$

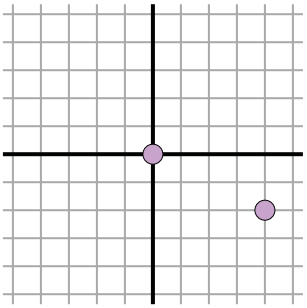
5)



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

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

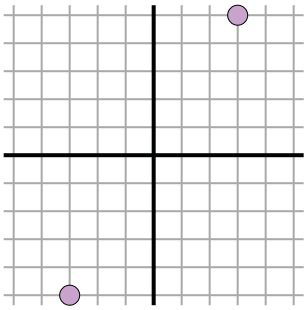
6)



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

$\sqrt{(16) + (4)}$

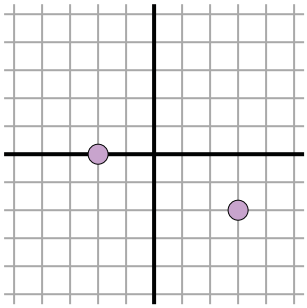
7)



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

$\sqrt{(36) + (100)}$

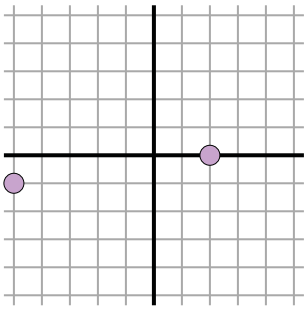
8)



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

$\sqrt{(25) + (4)}$

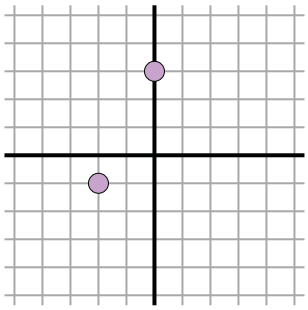
9)



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

$\sqrt{(49) + (1)}$

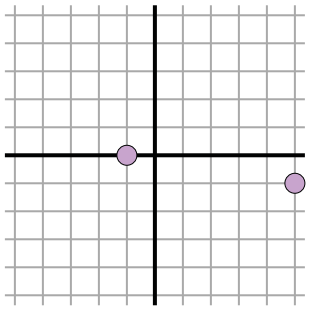
10)



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

$\sqrt{(4) + (16)}$

11)



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

$\sqrt{(36) + (1)}$

Answers

Ex.	5
1.	7.1
2.	4.2
3.	9.1
4.	3.6
5.	8
6.	4.5
7.	11.7
8.	5.4
9.	7.1
10.	4.5
11.	6.1

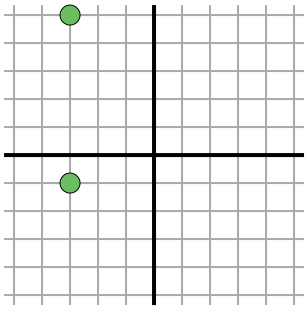
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name:

Find the distance between points. Round your answer to the nearest tenth.

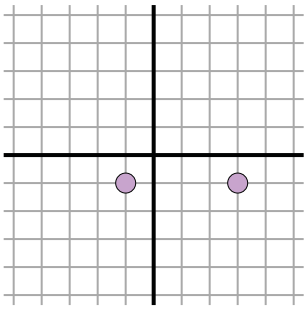
Ex)



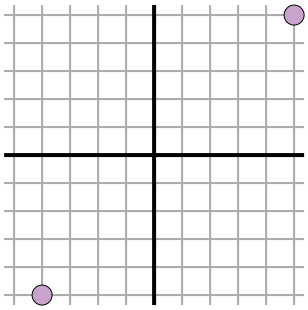
$\sqrt{(-3--3)^2 + (-1-5)^2}$

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

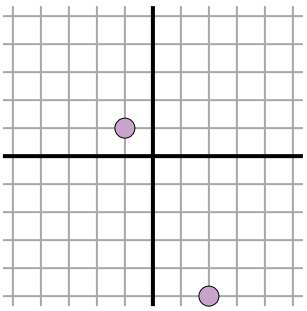
1)



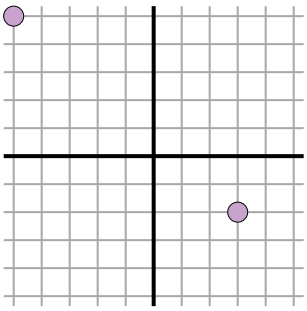
2)



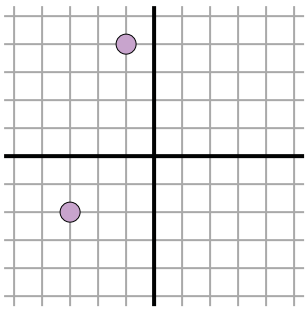
3)



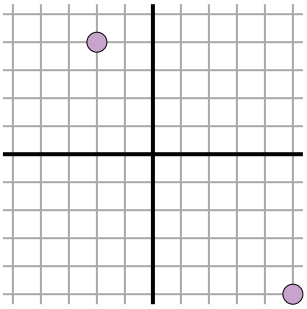
4)



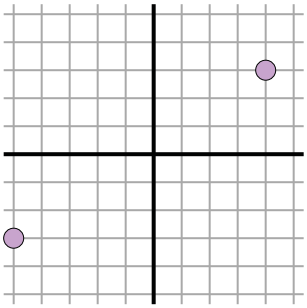
5)



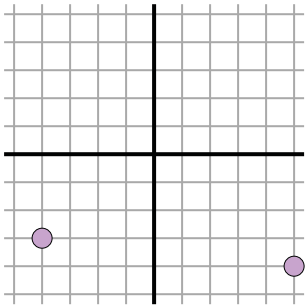
6)



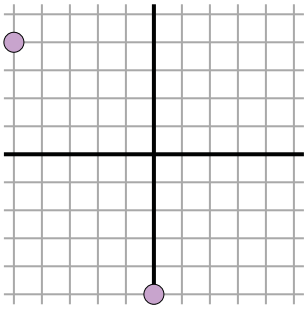
7)



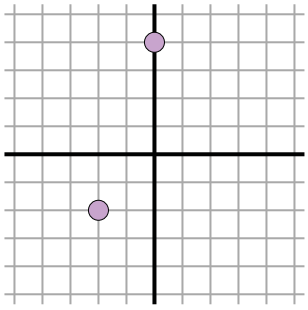
8)



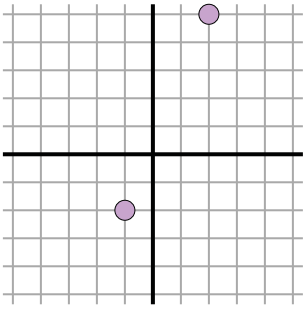
9)



10)



11)



Answers

Ex. 6

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

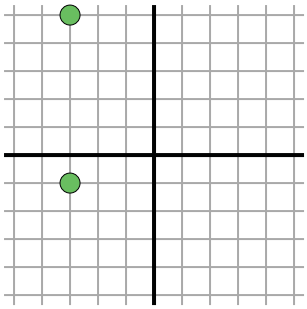
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name: **Answer Key**

Find the distance between points. Round your answer to the nearest tenth.

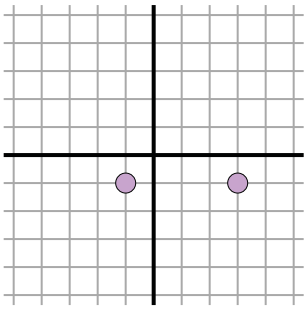
Ex)



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

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

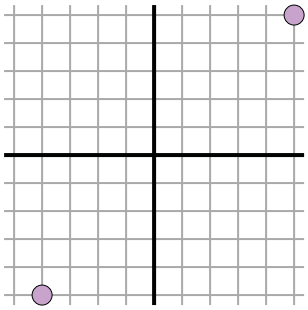
1)



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

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

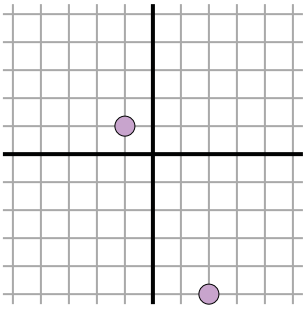
2)



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

$\sqrt{(81) + (100)}$

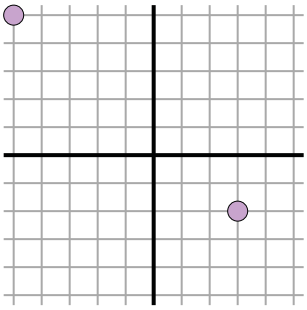
3)



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

$\sqrt{(9) + (36)}$

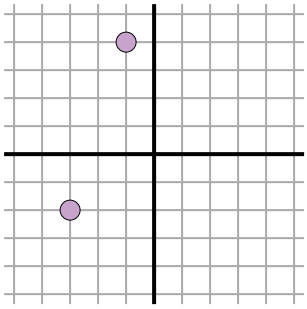
4)



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

$\sqrt{(64) + (49)}$

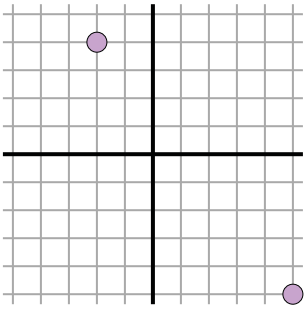
5)



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

$\sqrt{(4) + (36)}$

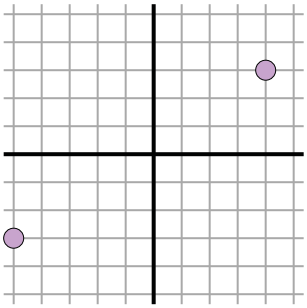
6)



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

$\sqrt{(49) + (81)}$

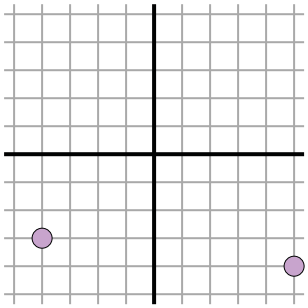
7)



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

$\sqrt{(81) + (36)}$

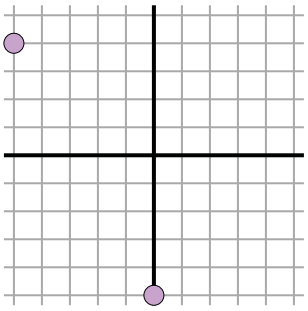
8)



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

$\sqrt{(81) + (1)}$

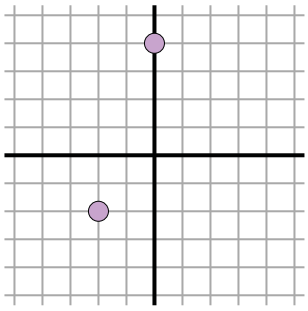
9)



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

$\sqrt{(25) + (81)}$

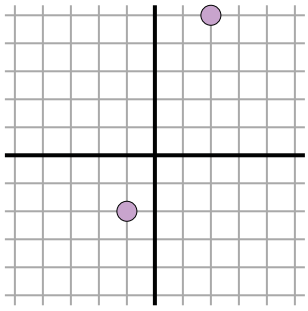
10)



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

$\sqrt{(4) + (36)}$

11)



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

$\sqrt{(9) + (49)}$

Answers

Ex.	6
1.	4
2.	13.5
3.	6.7
4.	10.6
5.	6.3
6.	11.4
7.	10.8
8.	9.1
9.	10.3
10.	6.3
11.	7.6

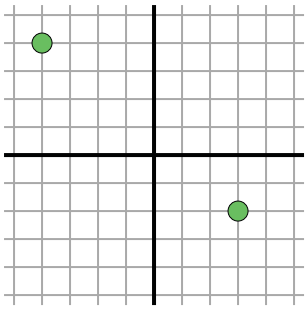
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name:

Find the distance between points. Round your answer to the nearest tenth.

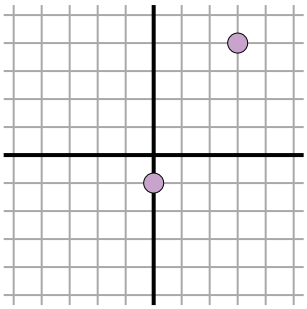
Ex)



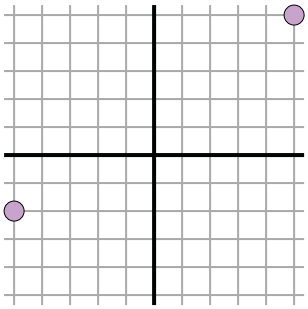
$\sqrt{(-4-3)^2 + (4--2)^2}$

$\sqrt{(49) + (36)}$

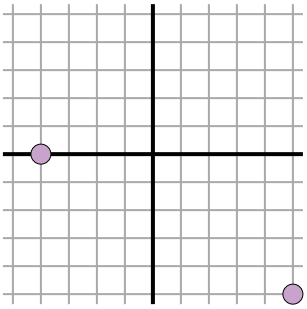
1)



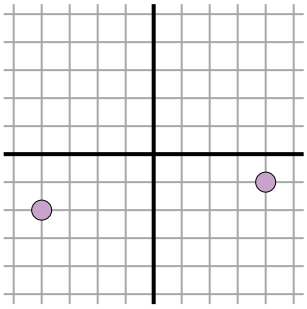
2)



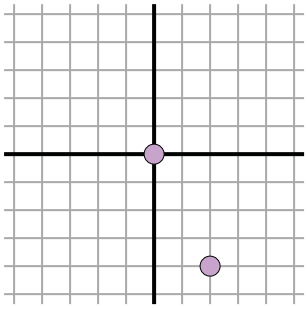
3)



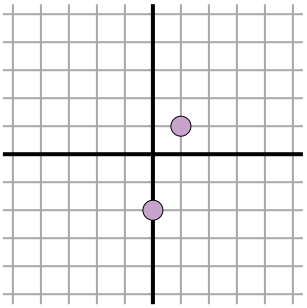
4)



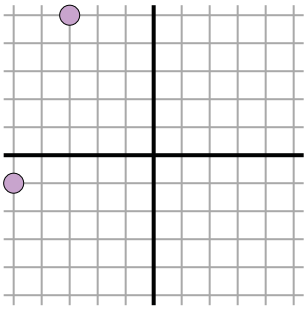
5)



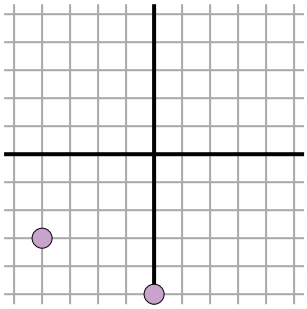
6)



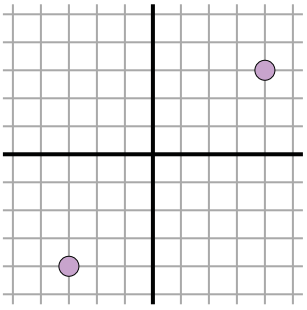
7)



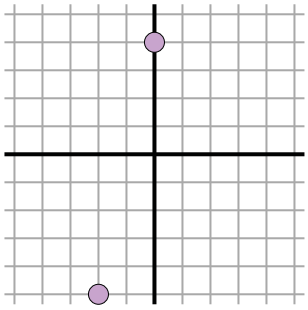
8)



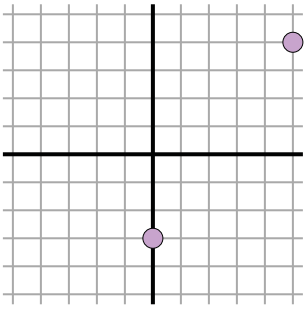
9)



10)



11)



Answers

Ex. 9.2

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

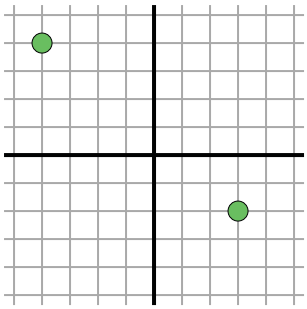
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name: **Answer Key**

Find the distance between points. Round your answer to the nearest tenth.

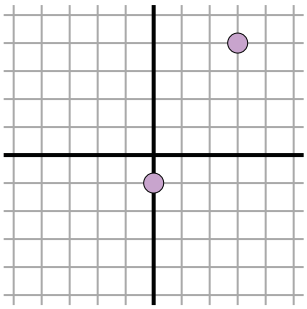
Ex)



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

$\sqrt{(49) + (36)}$

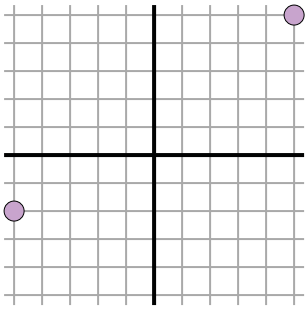
1)



$\sqrt{(0-3)^2 + (-1-4)^2}$

$\sqrt{(9) + (25)}$

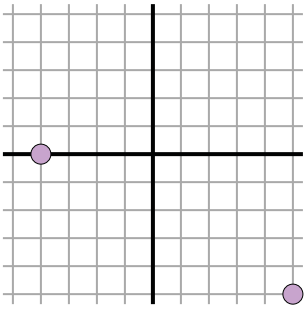
2)



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

$\sqrt{(100) + (49)}$

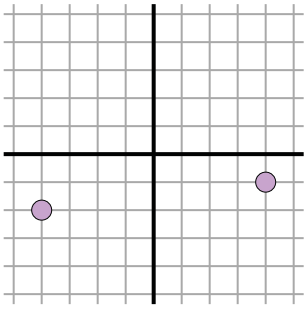
3)



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

$\sqrt{(81) + (25)}$

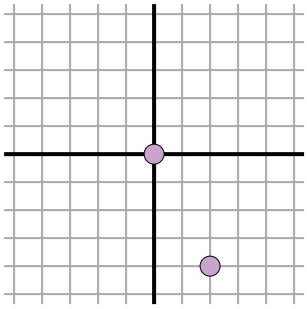
4)



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

$\sqrt{(64) + (1)}$

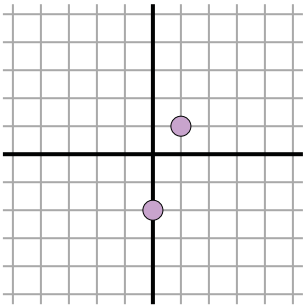
5)



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

$\sqrt{(4) + (16)}$

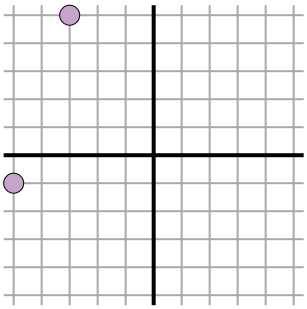
6)



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

$\sqrt{(1) + (9)}$

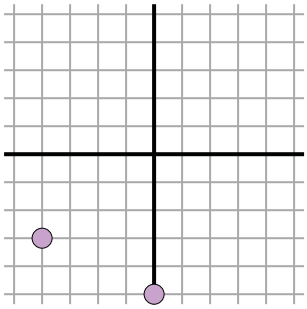
7)



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

$\sqrt{(4) + (36)}$

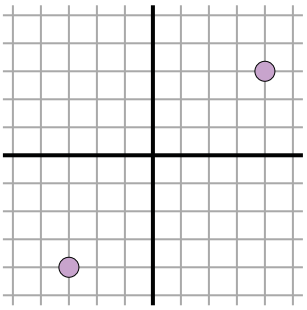
8)



$\sqrt{(-4-0)^2 + (-3--5)^2}$

$\sqrt{(16) + (4)}$

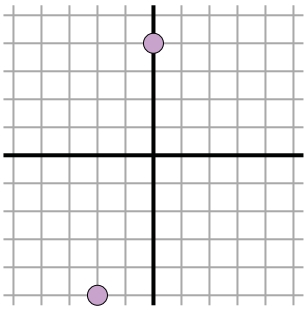
9)



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

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

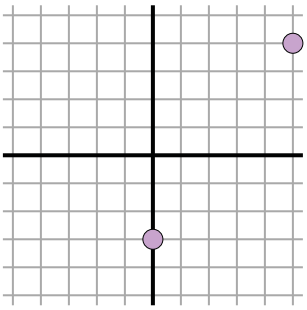
10)



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

$\sqrt{(4) + (81)}$

11)



$\sqrt{(5-0)^2 + (4--3)^2}$

$\sqrt{(25) + (49)}$

Answers

Ex.	9.2
1.	5.8
2.	12.2
3.	10.3
4.	8.1
5.	4.5
6.	3.2
7.	6.3
8.	4.5
9.	9.9
10.	9.2
11.	8.6

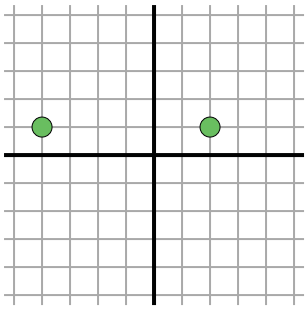
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name:

Find the distance between points. Round your answer to the nearest tenth.

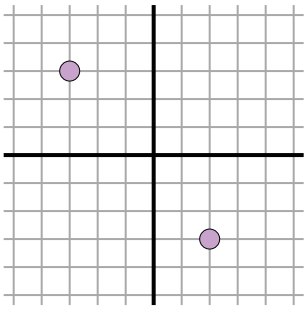
Ex)



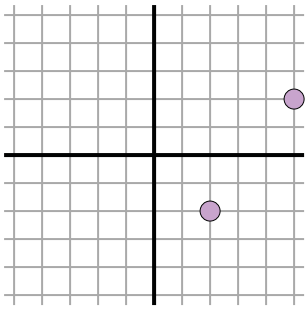
$\sqrt{(2--4)^2 + (1-1)^2}$

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

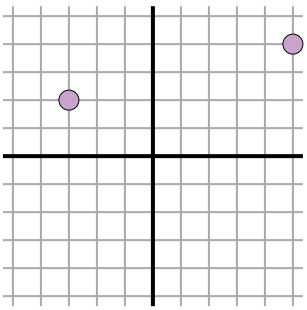
1)



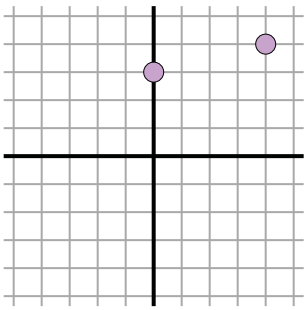
2)



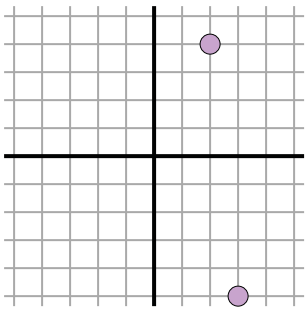
3)



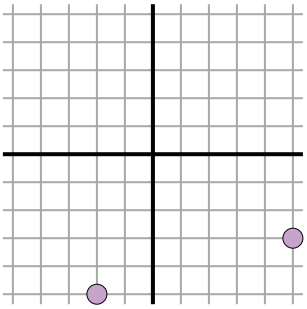
4)



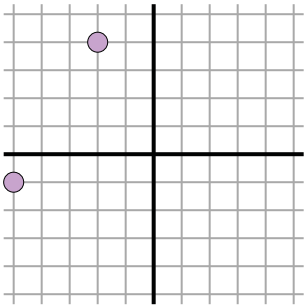
5)



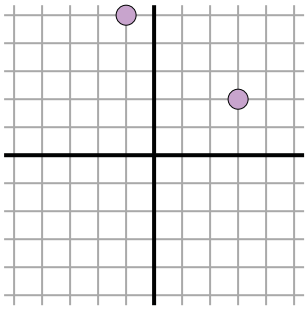
6)



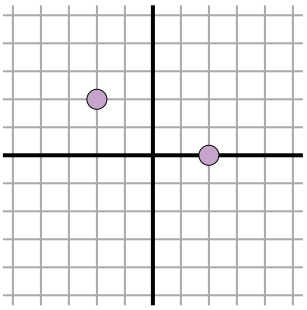
7)



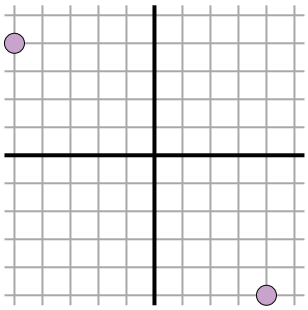
8)



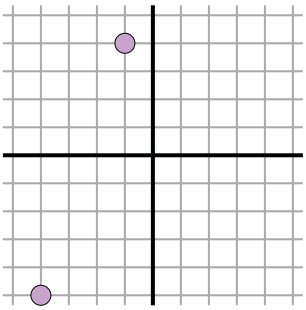
9)



10)



11)



Answers

Ex. 6

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

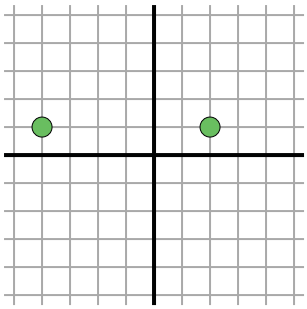
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name: **Answer Key**

Find the distance between points. Round your answer to the nearest tenth.

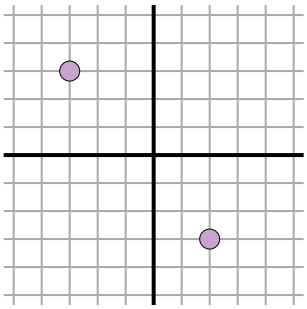
Ex)



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

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

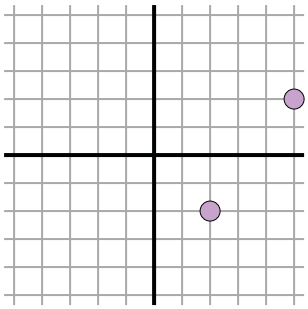
1)



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

$\sqrt{(25) + (36)}$

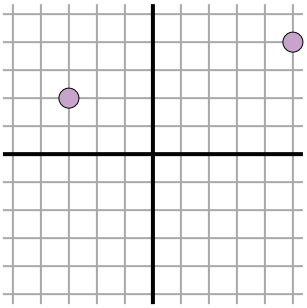
2)



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

$\sqrt{(9) + (16)}$

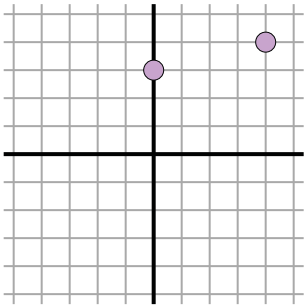
3)



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

$\sqrt{(64) + (4)}$

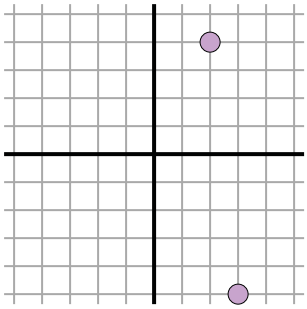
4)



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

$\sqrt{(16) + (1)}$

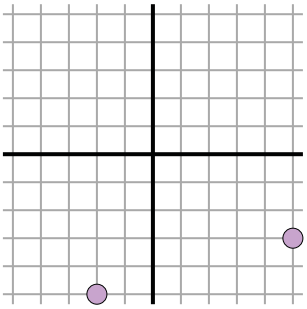
5)



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

$\sqrt{(1) + (81)}$

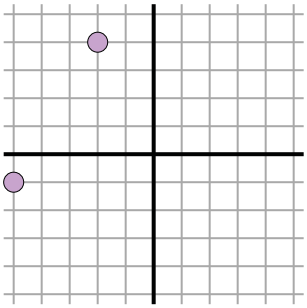
6)



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

$\sqrt{(49) + (4)}$

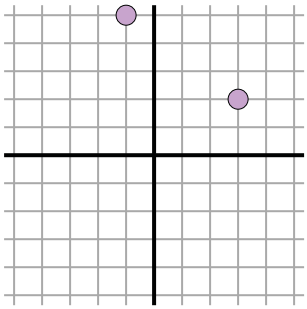
7)



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

$\sqrt{(9) + (25)}$

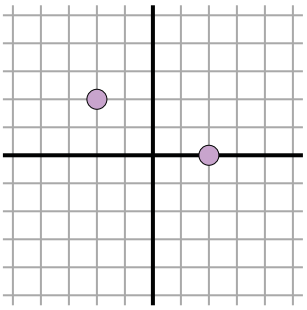
8)



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

$\sqrt{(16) + (9)}$

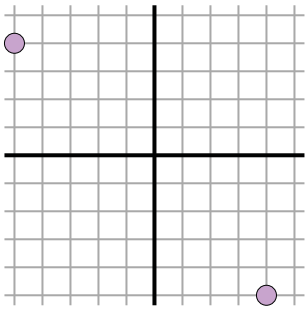
9)



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

$\sqrt{(16) + (4)}$

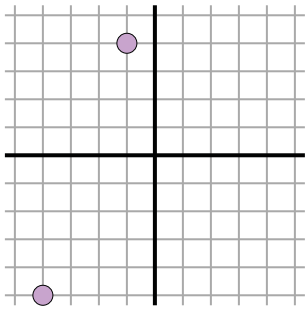
10)



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

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

11)



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

$\sqrt{(9) + (81)}$

Answers

Ex.	6
1.	7.8
2.	5
3.	8.2
4.	4.1
5.	9.1
6.	7.3
7.	5.8
8.	5
9.	4.5
10.	12.7
11.	9.5

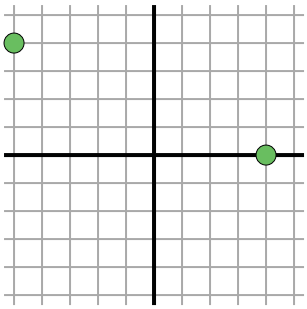
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name:

Find the distance between points. Round your answer to the nearest tenth.

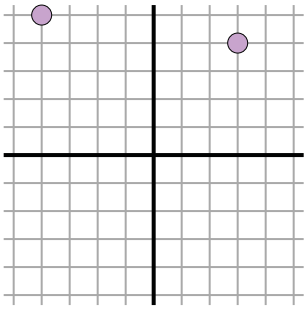
Ex)



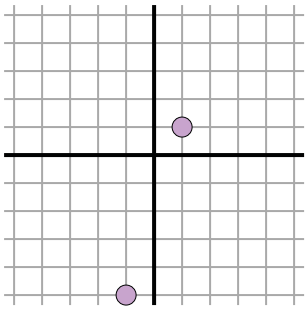
$\sqrt{(4--5)^2 + (0-4)^2}$

$\sqrt{(81) + (16)}$

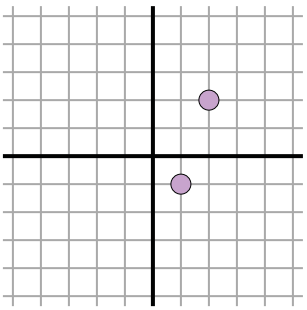
1)



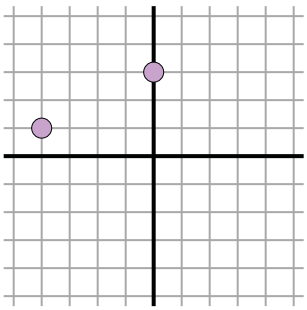
2)



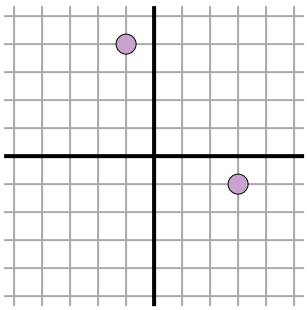
3)



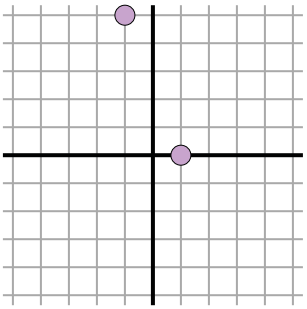
4)



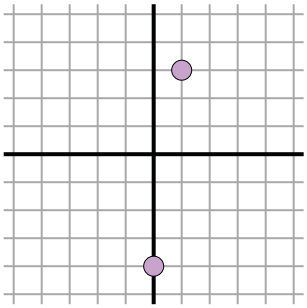
5)



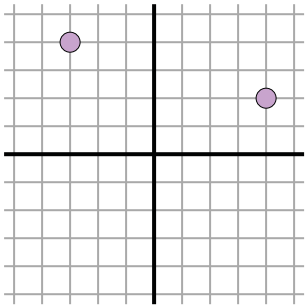
6)



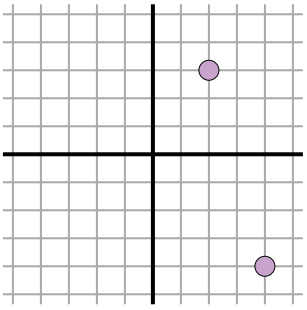
7)



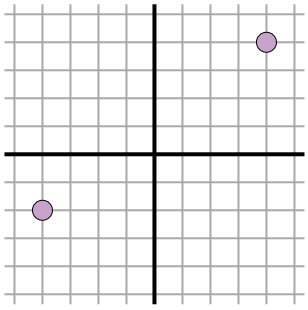
8)



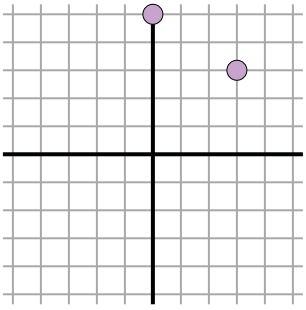
9)



10)



11)



Answers

Ex. 9.8

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

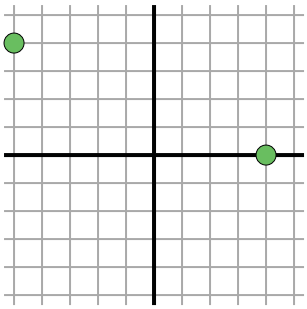
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name: **Answer Key**

Find the distance between points. Round your answer to the nearest tenth.

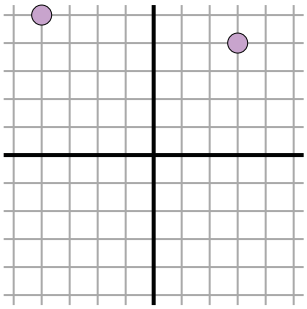
Ex)



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

$\sqrt{(81) + (16)}$

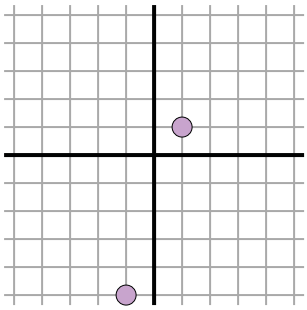
1)



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

$\sqrt{(49) + (1)}$

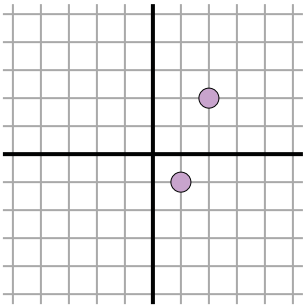
2)



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

$\sqrt{(4) + (36)}$

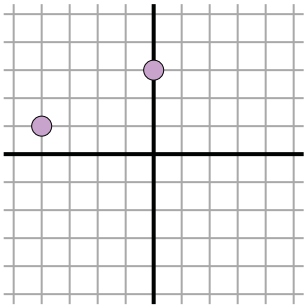
3)



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

$\sqrt{(1) + (9)}$

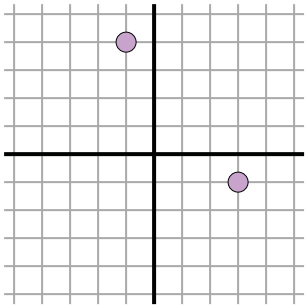
4)



$\sqrt{(-4-0)^2 + (1-3)^2}$

$\sqrt{(16) + (4)}$

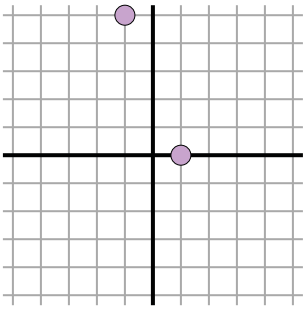
5)



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

$\sqrt{(16) + (25)}$

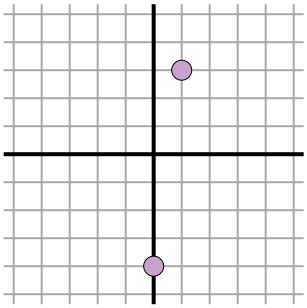
6)



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

$\sqrt{(4) + (25)}$

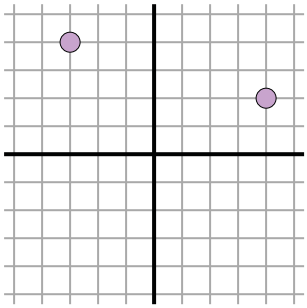
7)



$\sqrt{(0-1)^2 + (-4-3)^2}$

$\sqrt{(1) + (49)}$

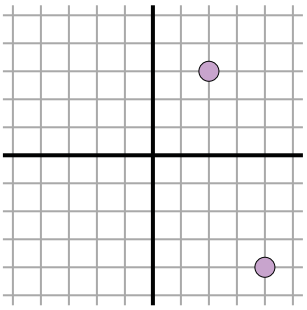
8)



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

$\sqrt{(49) + (4)}$

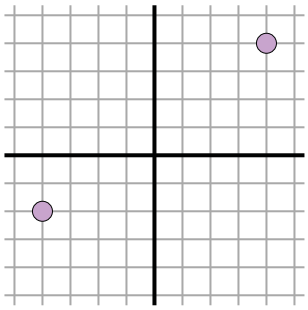
9)



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

$\sqrt{(4) + (49)}$

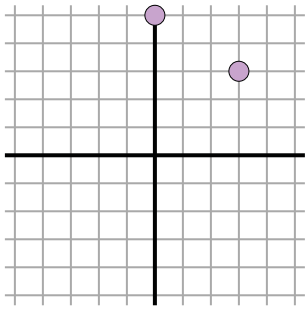
10)



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

$\sqrt{(64) + (36)}$

11)



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

$\sqrt{(9) + (4)}$

Answers

Ex.	9.8
1.	7.1
2.	6.3
3.	3.2
4.	4.5
5.	6.4
6.	5.4
7.	7.1
8.	7.3
9.	7.3
10.	10
11.	3.6

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