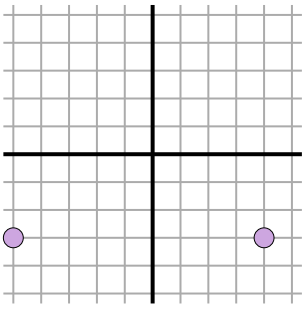
Finding Distance on a Grid

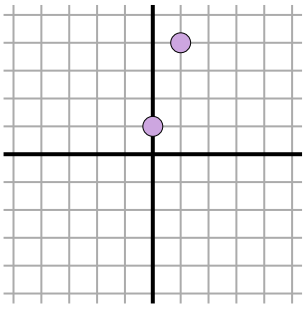
Name:

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

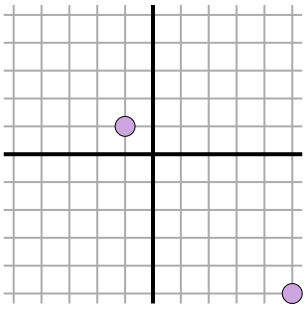
Ex)



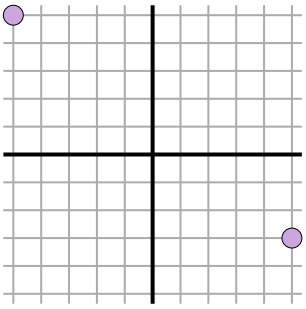
1)



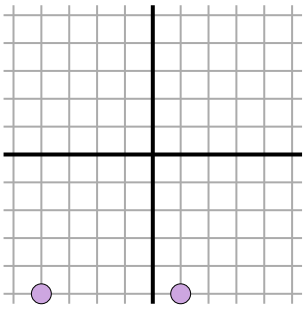
2)



3)



4)



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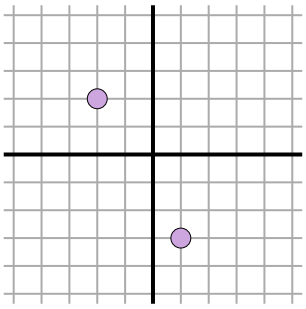
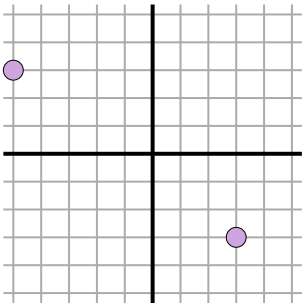
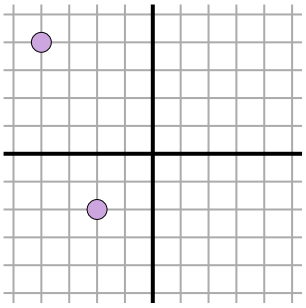


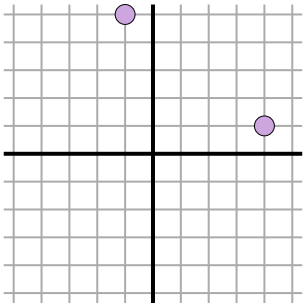
6)



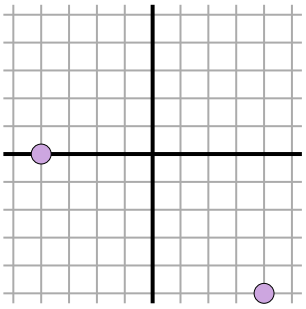
7)



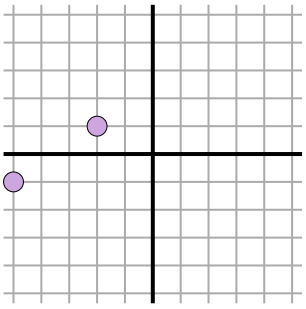
8)



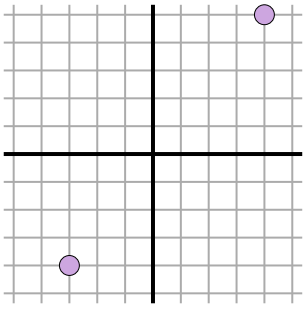
9)



10)



11)



Answers

Ex. 9

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

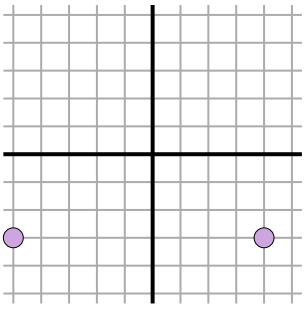
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name: **Answer Key**

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

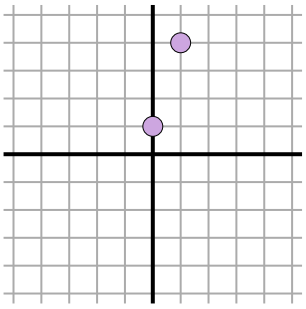
Ex)



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

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

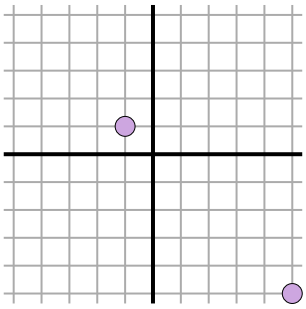
1)



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

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

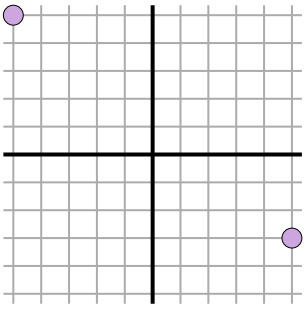
2)



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

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

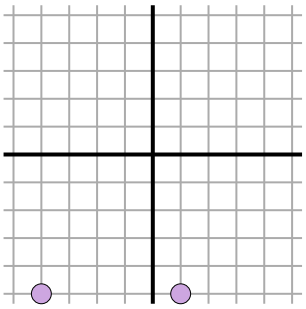
3)



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

$\sqrt{(100) + (64)}$

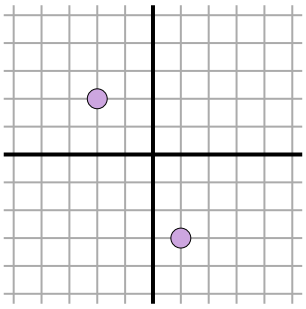
4)



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

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

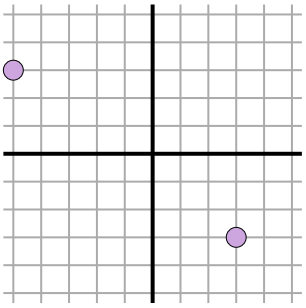
5)



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

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

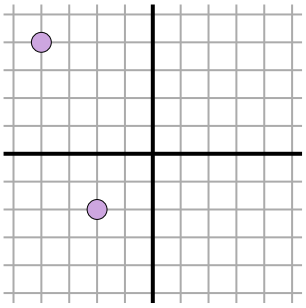
6)



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

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

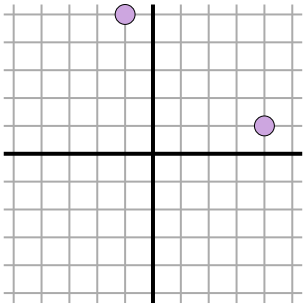
7)



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

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

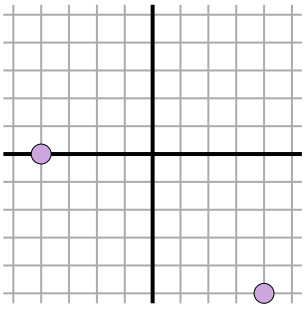
8)



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

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

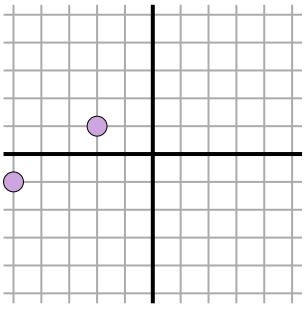
9)



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

$\sqrt{(64) + (25)}$

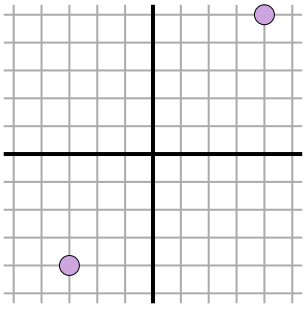
10)



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

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

11)



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

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

Answers

Ex.	9
1.	3.2
2.	8.5
3.	12.8
4.	5
5.	5.8
6.	10
7.	6.3
8.	6.4
9.	9.4
10.	3.6
11.	11.4

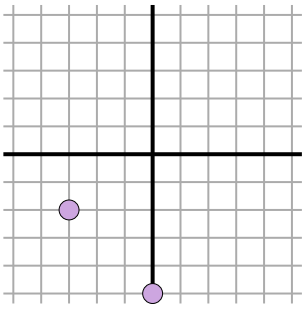
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

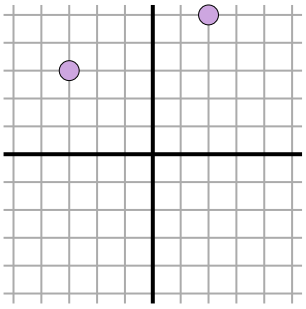
Name:

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

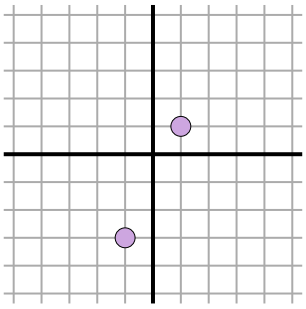
Ex)



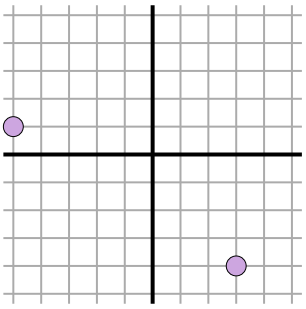
1)



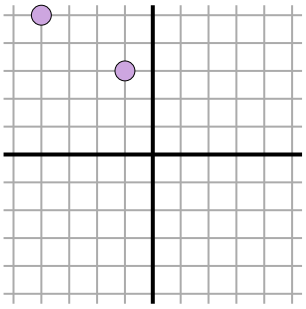
2)



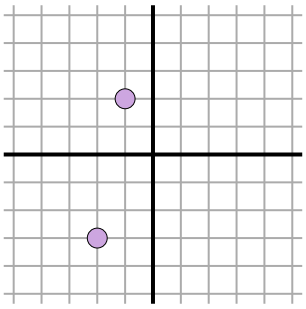
3)



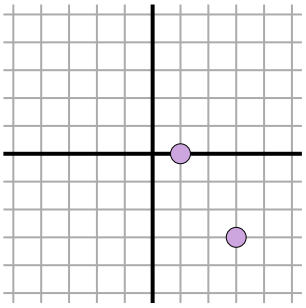
4)



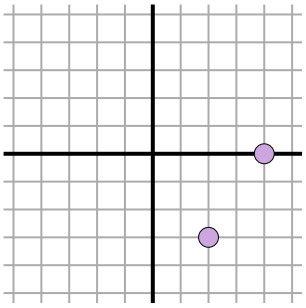
5)



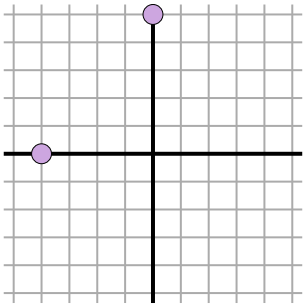
6)



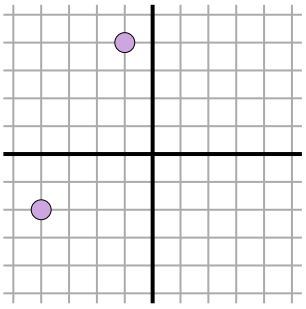
7)



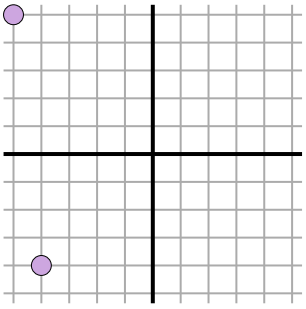
8)



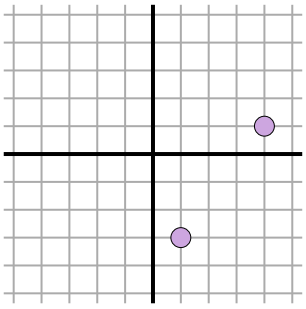
9)



10)



11)



Answers

Ex. 4.2

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

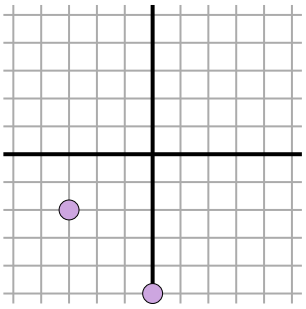
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name: **Answer Key**

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

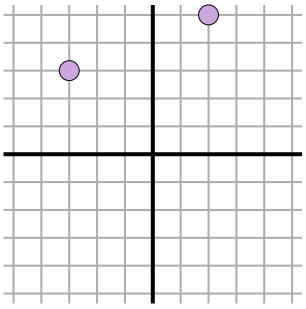
Ex)



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

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

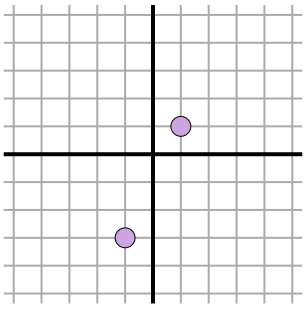
1)



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

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

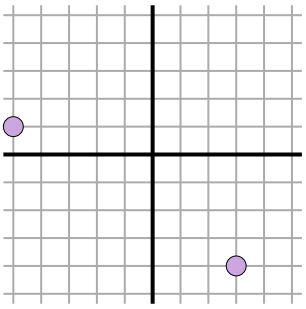
2)



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

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

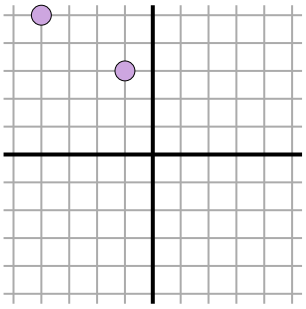
3)



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

$\sqrt{(64) + (25)}$

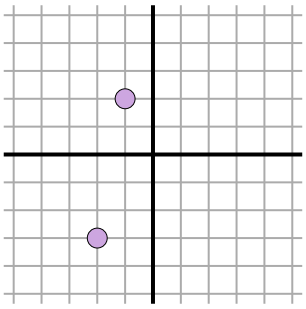
4)



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

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

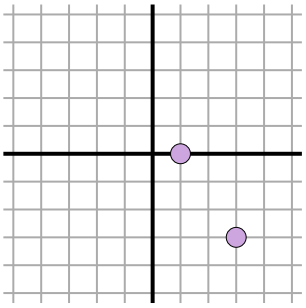
5)



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

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

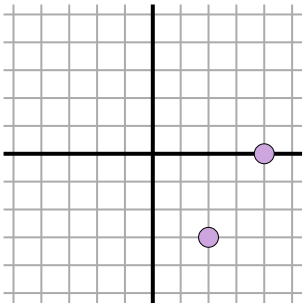
6)



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

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

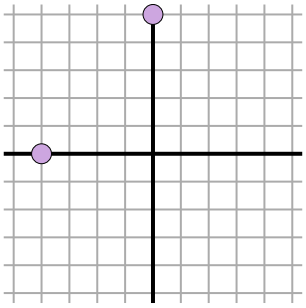
7)



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

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

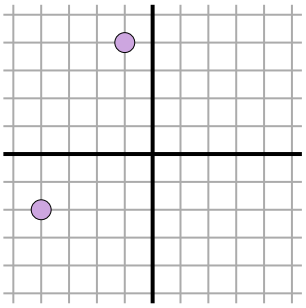
8)



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

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

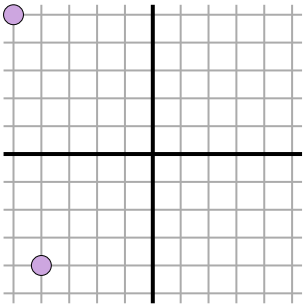
9)



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

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

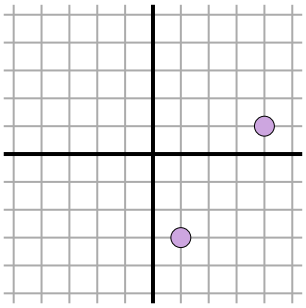
10)



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

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

11)



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

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

Answers

Ex.	4.2
1.	5.4
2.	4.5
3.	9.4
4.	3.6
5.	5.1
6.	3.6
7.	3.6
8.	6.4
9.	6.7
10.	9.1
11.	5

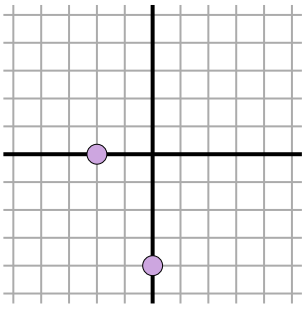
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

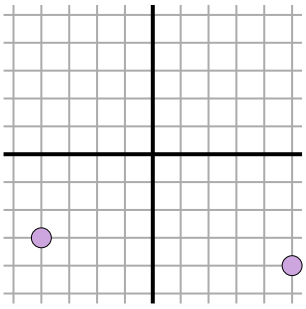
Name:

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

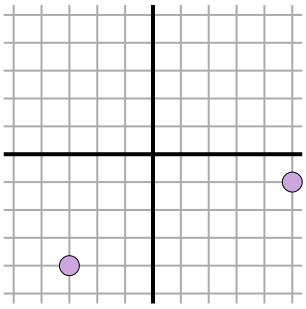
Ex)



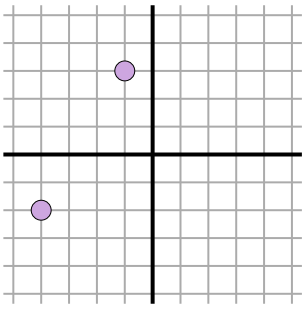
1)



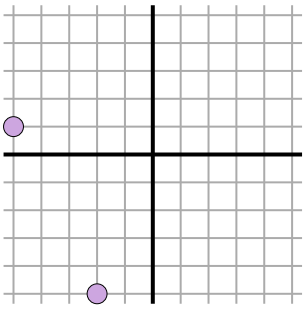
2)



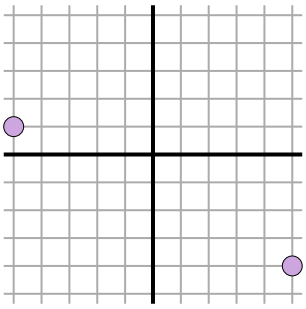
3)



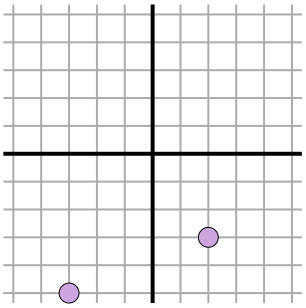
4)



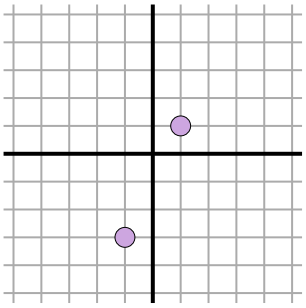
5)



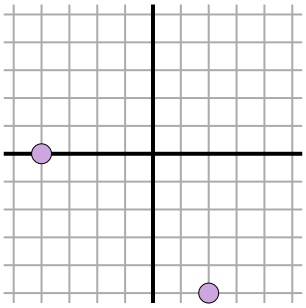
6)



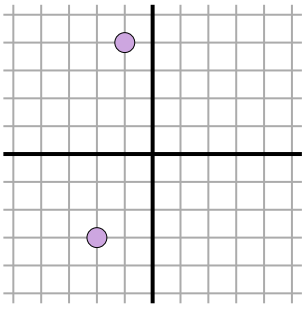
7)



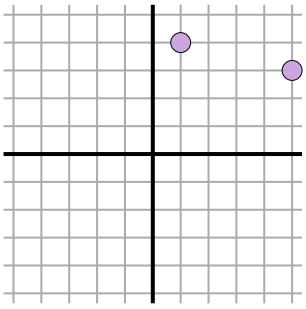
8)



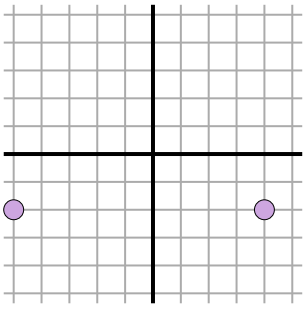
9)



10)



11)



Answers

Ex. 4.5

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

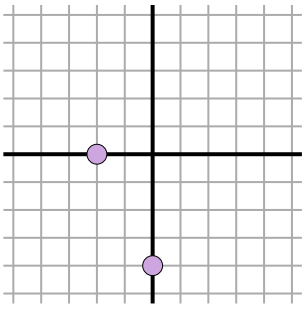
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name: **Answer Key**

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

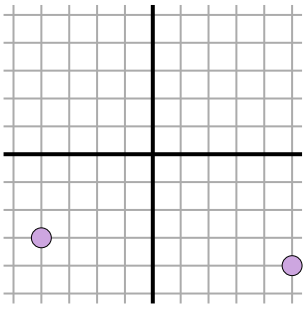
Ex)



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

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

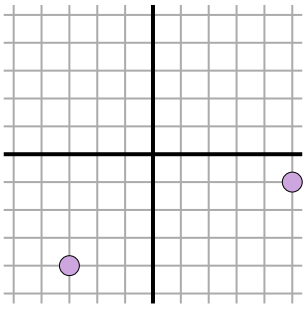
1)



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

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

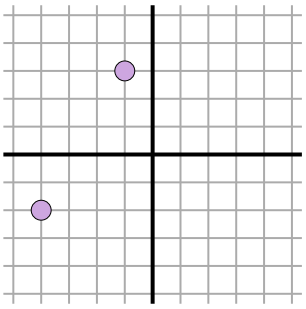
2)



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

$\sqrt{(64) + (9)}$

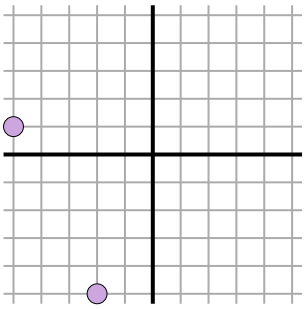
3)



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

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

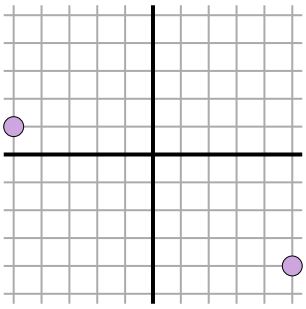
4)



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

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

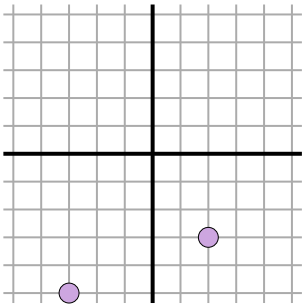
5)



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

$\sqrt{(100) + (25)}$

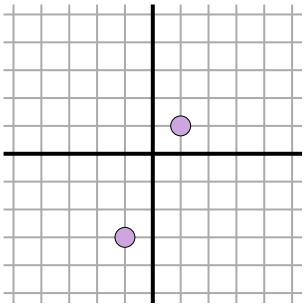
6)



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

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

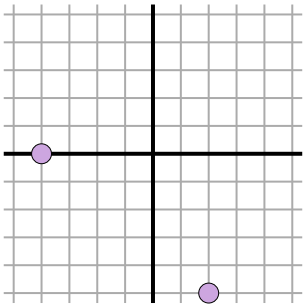
7)



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

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

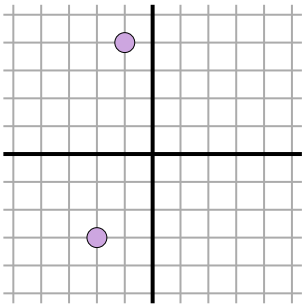
8)



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

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

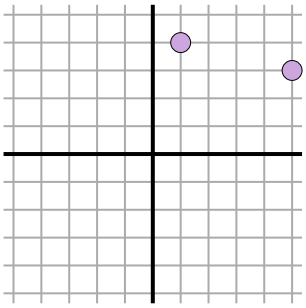
9)



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

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

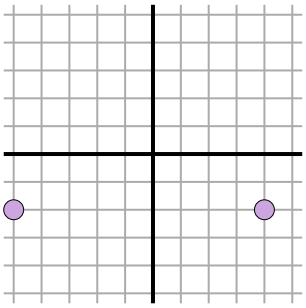
10)



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

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

11)



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

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

Answers

Ex.	4.5
1.	9.1
2.	8.5
3.	5.8
4.	6.7
5.	11.2
6.	5.4
7.	4.5
8.	7.8
9.	7.1
10.	4.1
11.	9

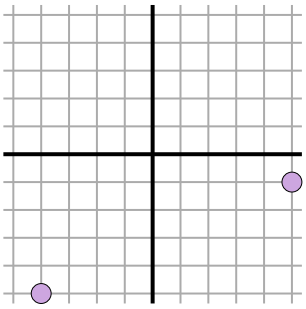
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

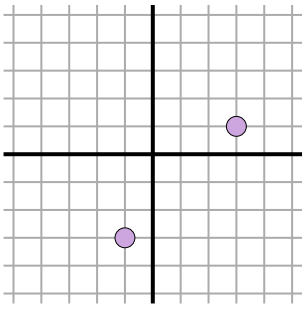
Name:

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

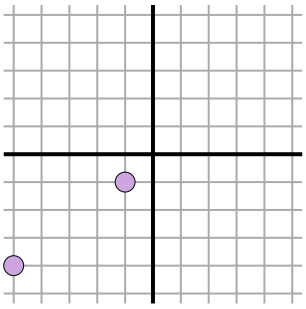
Ex)



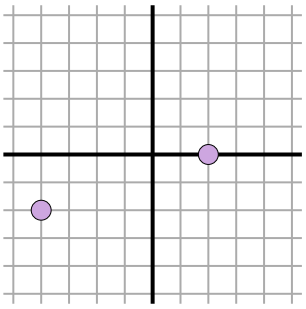
1)



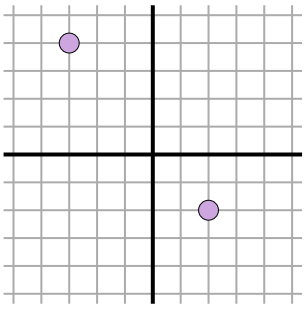
2)



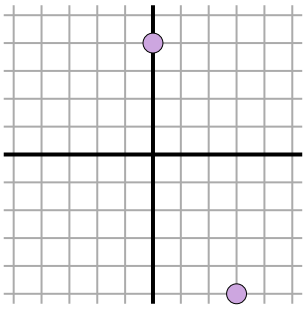
3)



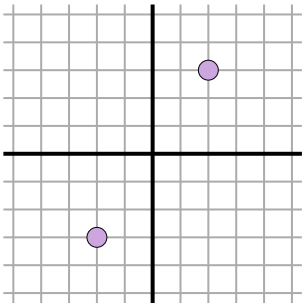
4)



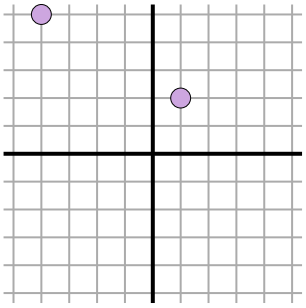
5)



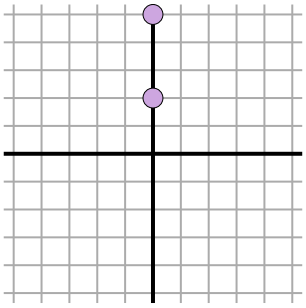
6)



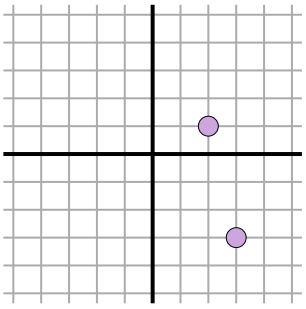
7)



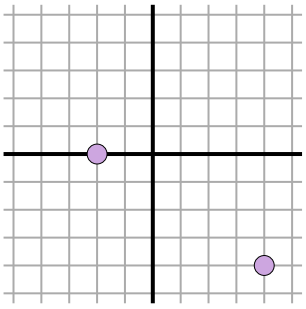
8)



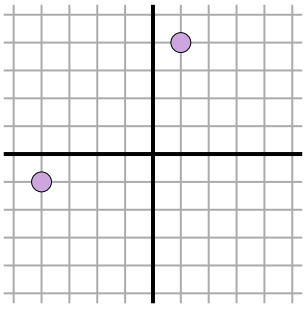
9)



10)



11)



Answers

Ex. 9.8

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

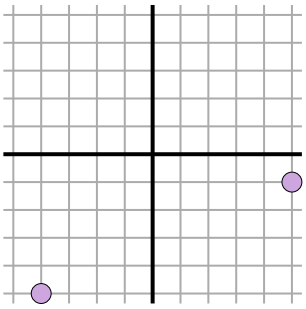
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name: **Answer Key**

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

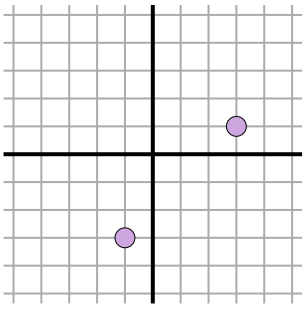
Ex)



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

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

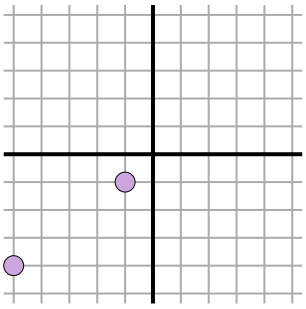
1)



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

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

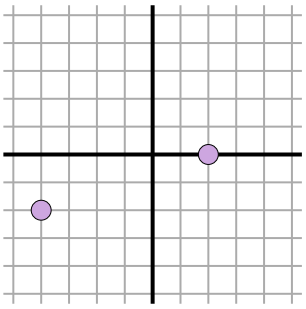
2)



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

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

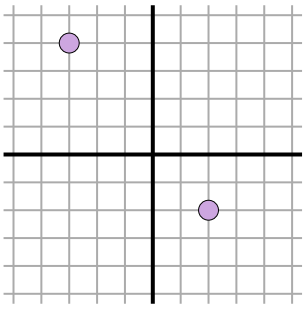
3)



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

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

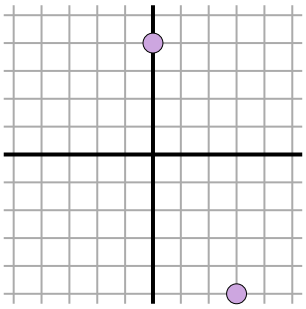
4)



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

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

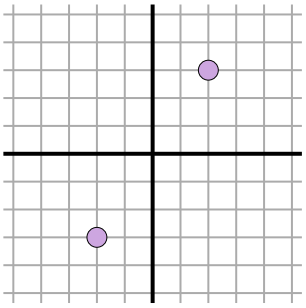
5)



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

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

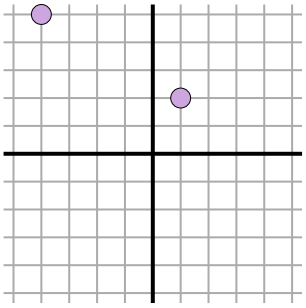
6)



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

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

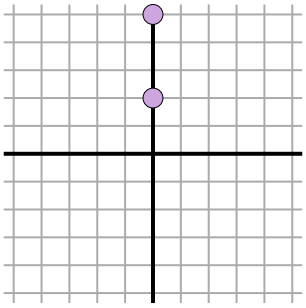
7)



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

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

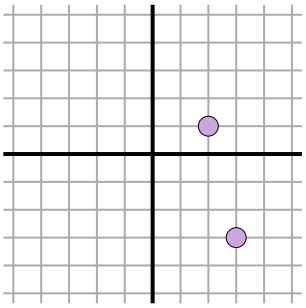
8)



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

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

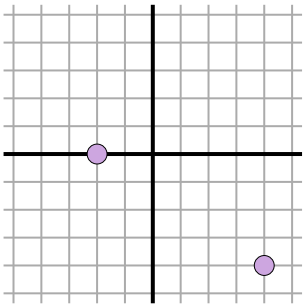
9)



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

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

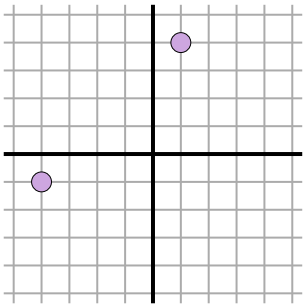
10)



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

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

11)



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

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

Answers

Ex.	9.8
1.	5.7
2.	5
3.	6.3
4.	7.8
5.	9.5
6.	7.2
7.	5.8
8.	3
9.	4.1
10.	7.2
11.	7.1

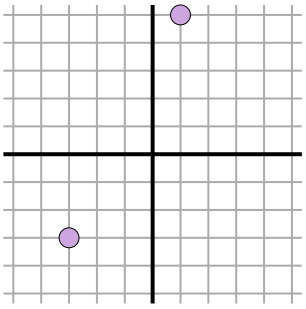
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

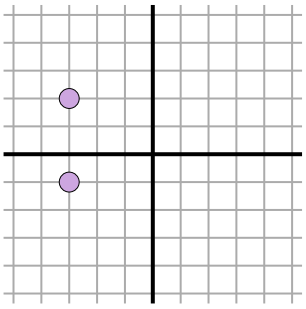
Name:

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

Ex)



1)



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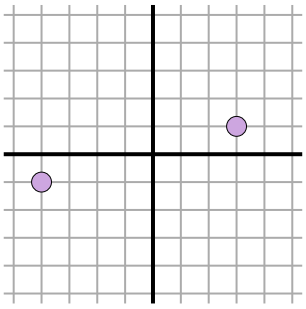
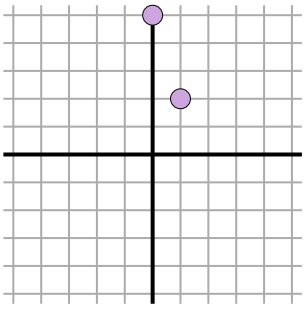
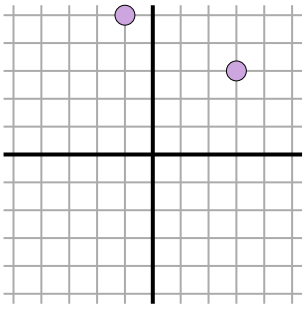


3)



4)



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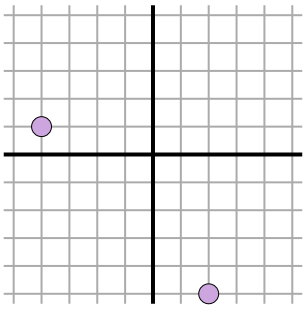
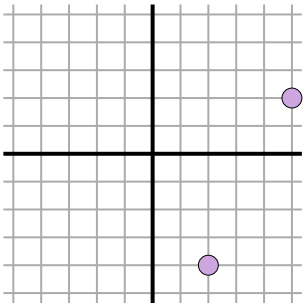
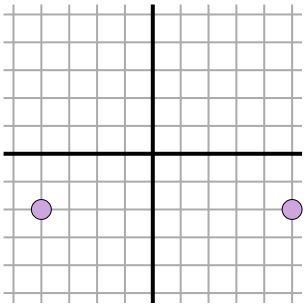


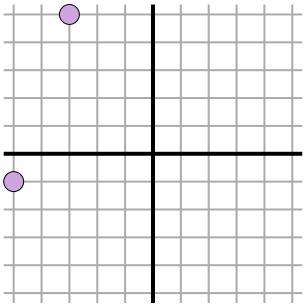
6)



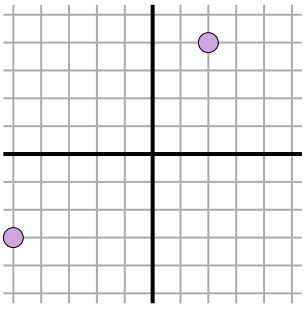
7)



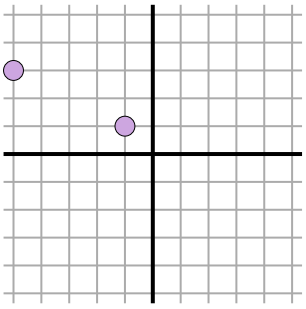
8)



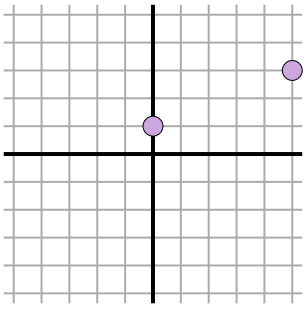
9)



10)



11)



Answers

Ex. **8.9**

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

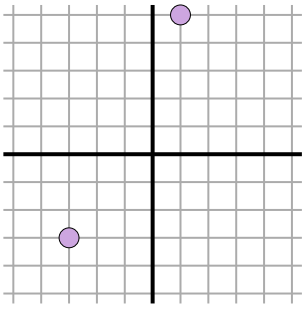
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name: **Answer Key**

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

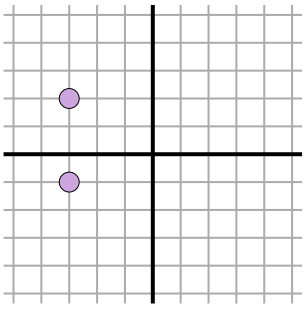
Ex)



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

$\sqrt{(16) + (64)}$

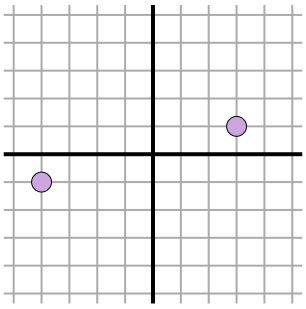
1)



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

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

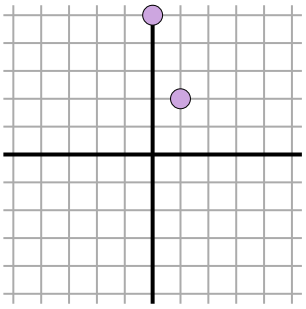
2)



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

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

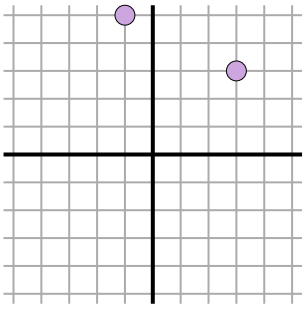
3)



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

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

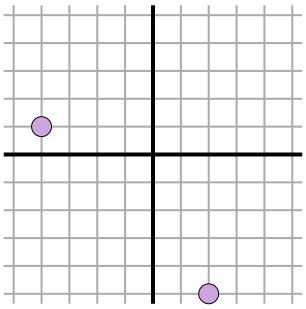
4)



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

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

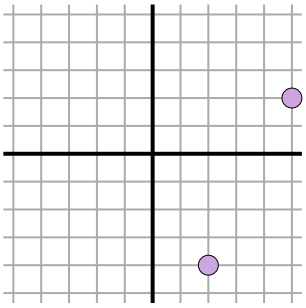
5)



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

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

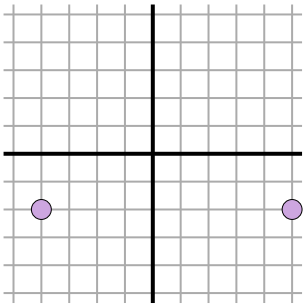
6)



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

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

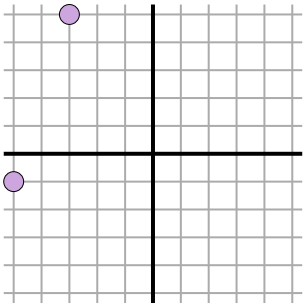
7)



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

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

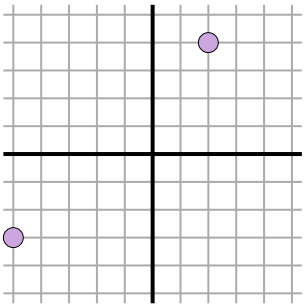
8)



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

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

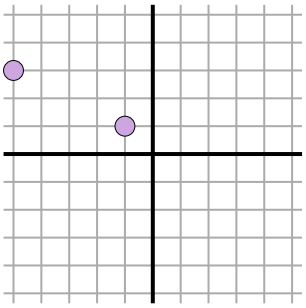
9)



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

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

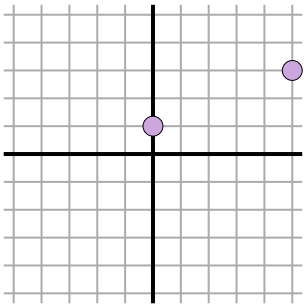
10)



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

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

11)



$\sqrt{(5-0)^2 + (3-1)^2}$

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

Answers

Ex.	8.9
1.	3
2.	7.3
3.	3.2
4.	4.5
5.	8.5
6.	6.7
7.	9
8.	6.3
9.	9.9
10.	4.5
11.	5.4

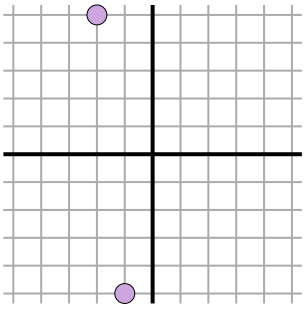
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

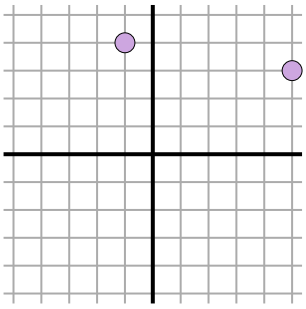
Name:

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

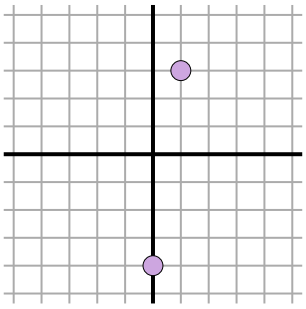
Ex)



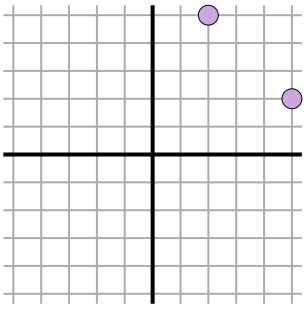
1)



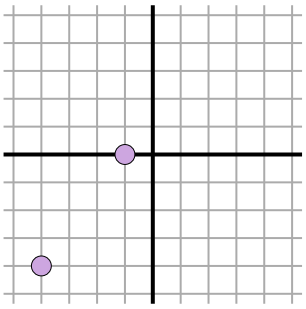
2)



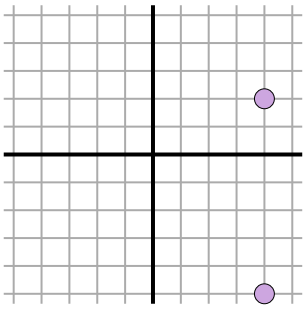
3)



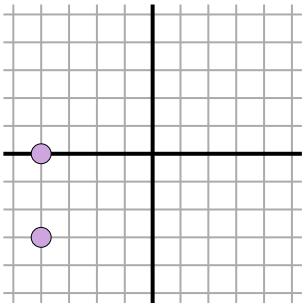
4)



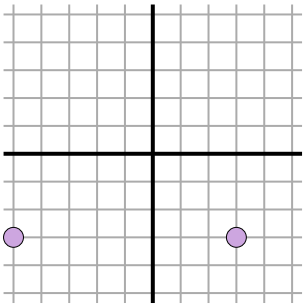
5)



6)



7)



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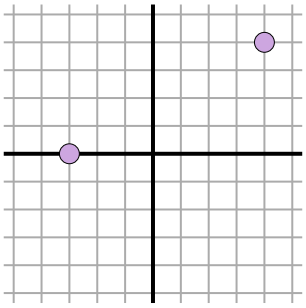

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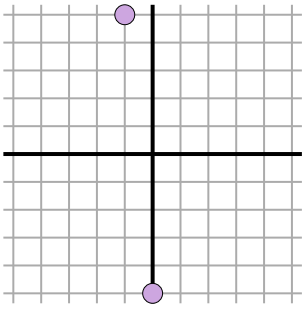

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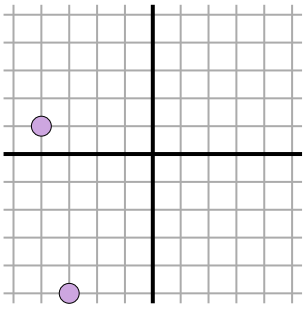
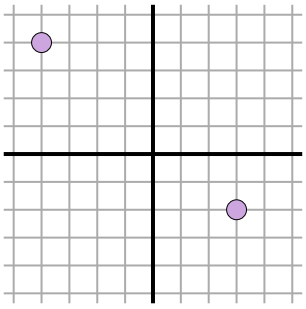


11)



Answers

Ex. 10

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

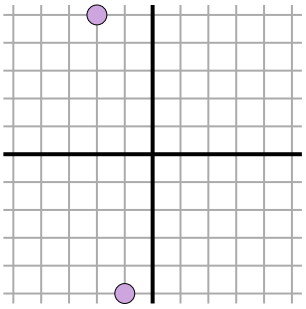
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name: **Answer Key**

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

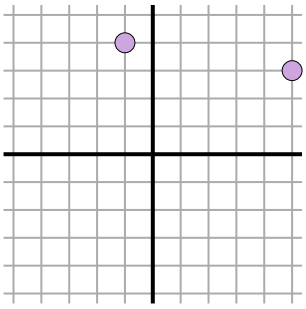
Ex)



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

$\sqrt{(1) + (100)}$

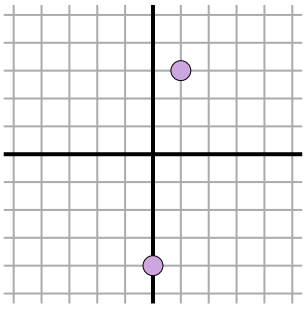
1)



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

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

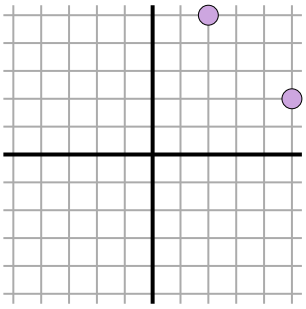
2)



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

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

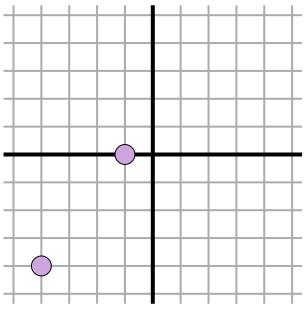
3)



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

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

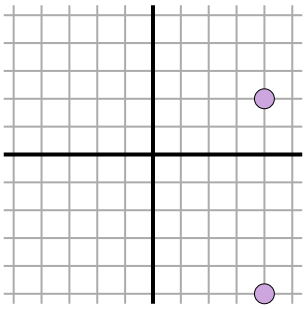
4)



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

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

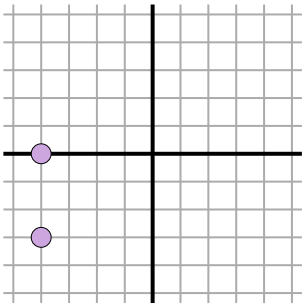
5)



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

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

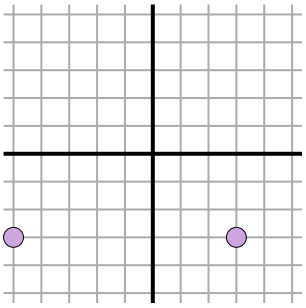
6)



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

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

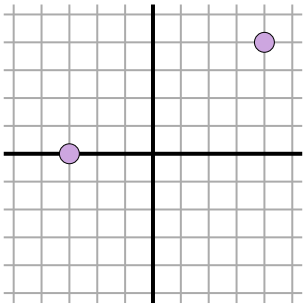
7)



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

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

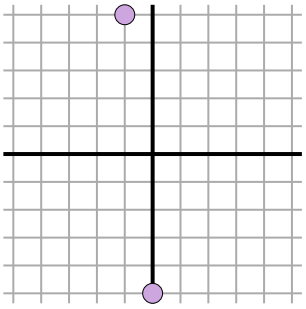
8)



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

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

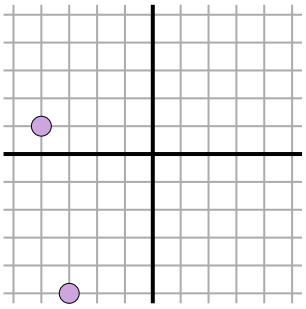
9)



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

$\sqrt{(1) + (100)}$

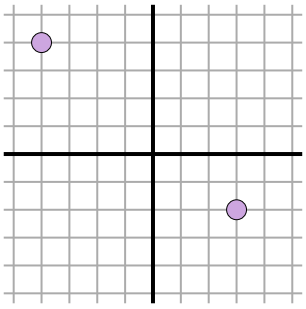
10)



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

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

11)



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

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

Answers

Ex.	10
1.	6.1
2.	7.1
3.	4.2
4.	5
5.	7
6.	3
7.	8
8.	8.1
9.	10
10.	6.1
11.	9.2

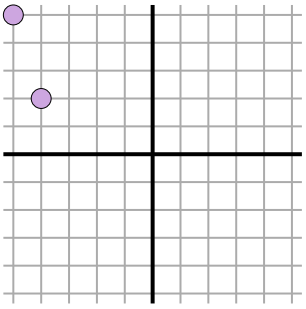
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

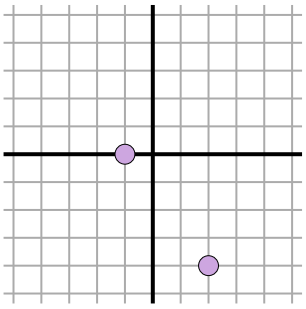
Name:

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

Ex)



1)



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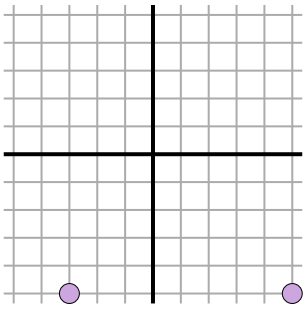
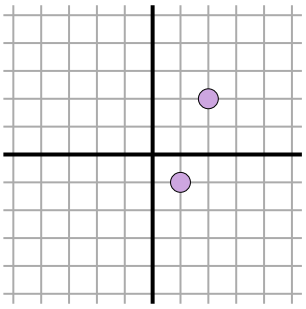
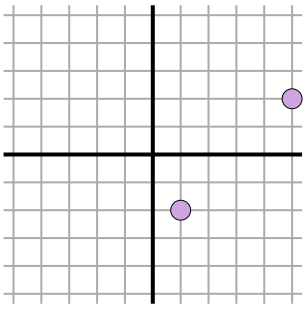


3)



4)



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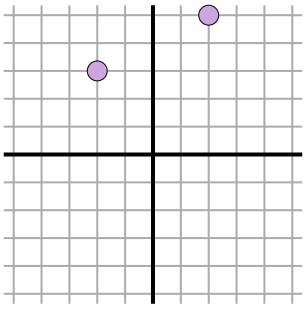

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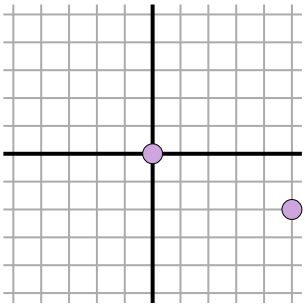
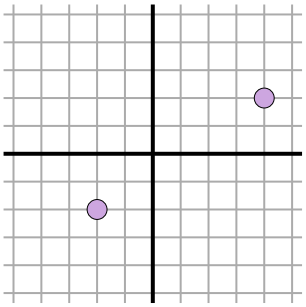
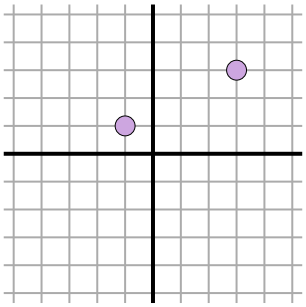


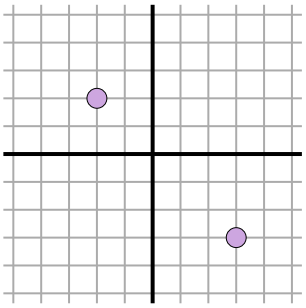
7)



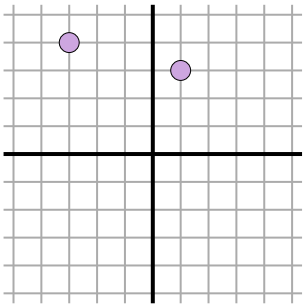
8)



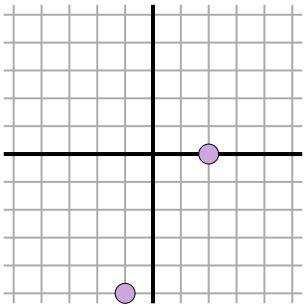
9)



10)



11)



Answers

Ex. 3.2

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

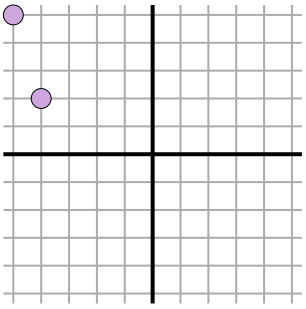
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name: **Answer Key**

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

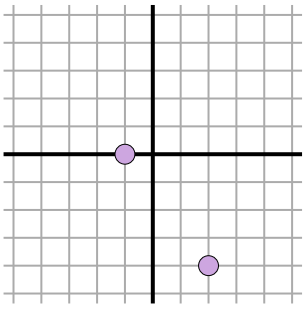
Ex)



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

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

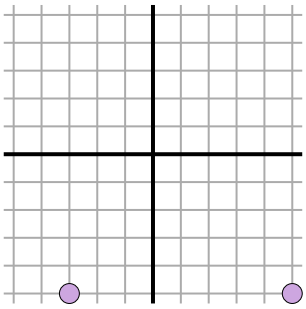
1)



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

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

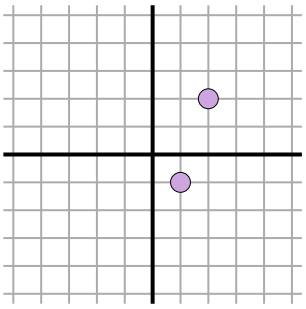
2)



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

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

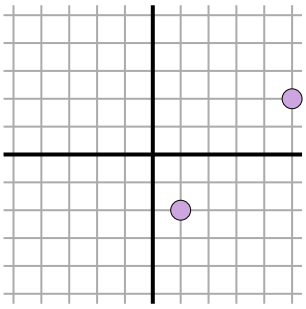
3)



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

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

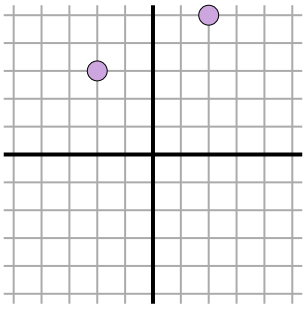
4)



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

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

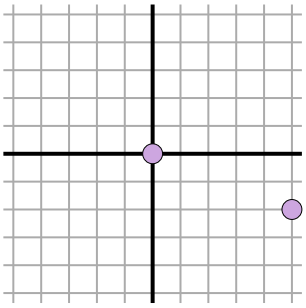
5)



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

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

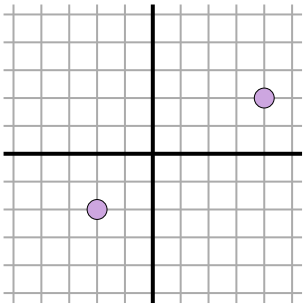
6)



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

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

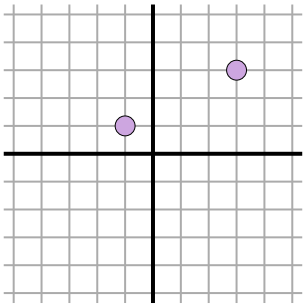
7)



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

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

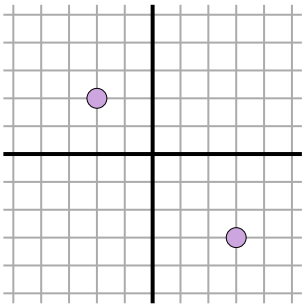
8)



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

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

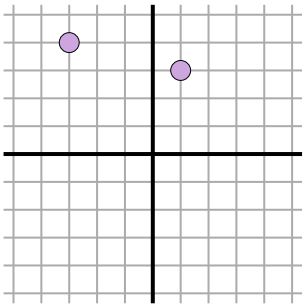
9)



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

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

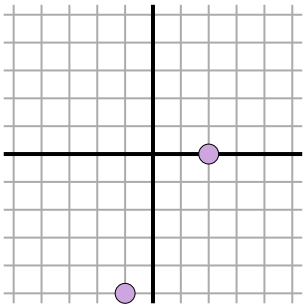
10)



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

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

11)



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

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

Answers

Ex.	3.2
1.	5
2.	8
3.	3.2
4.	5.7
5.	4.5
6.	5.4
7.	7.2
8.	4.5
9.	7.1
10.	4.1
11.	5.8

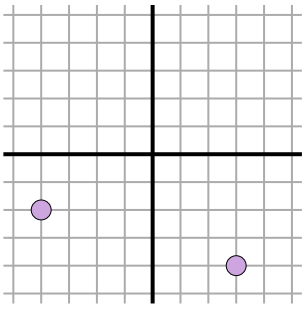
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

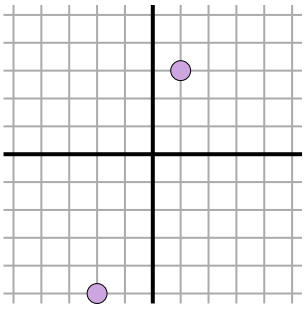
Name:

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

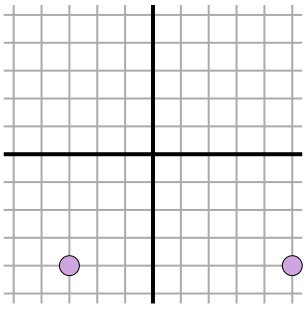
Ex)



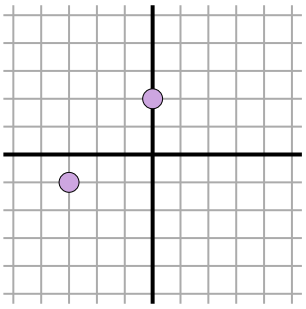
1)



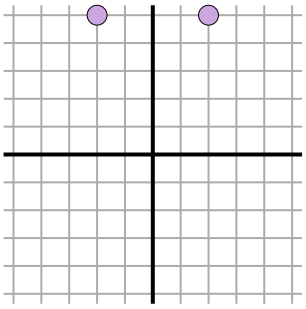
2)



3)



4)



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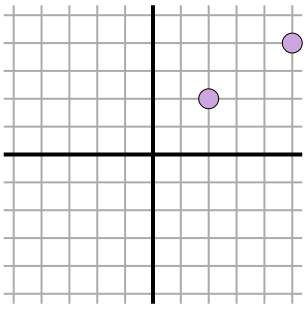
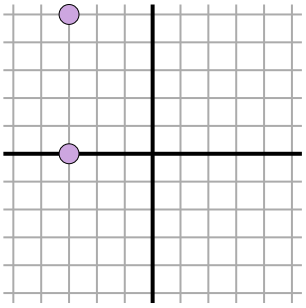
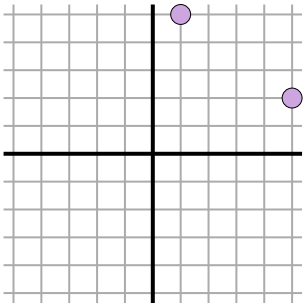


6)



7)



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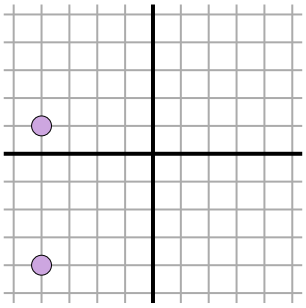

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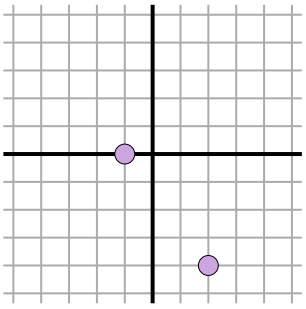

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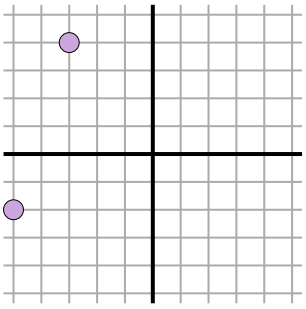
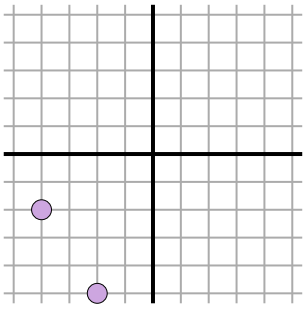


11)



Answers

Ex. 7.3

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

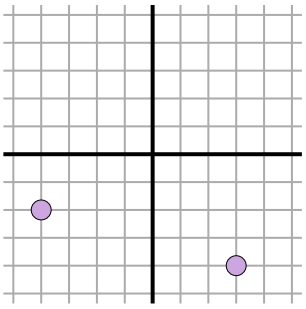
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name: **Answer Key**

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

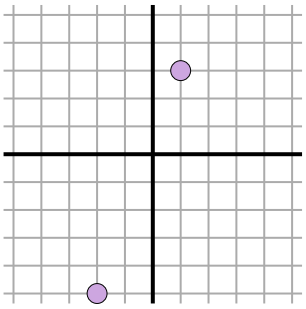
Ex)



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

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

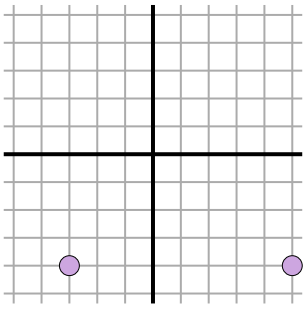
1)



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

$\sqrt{(9) + (64)}$

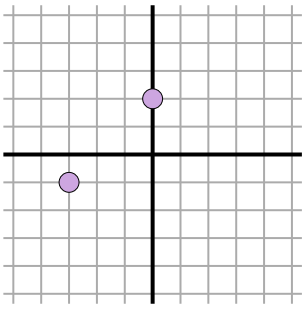
2)



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

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

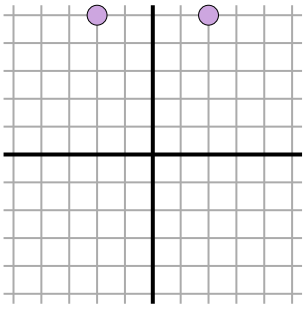
3)



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

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

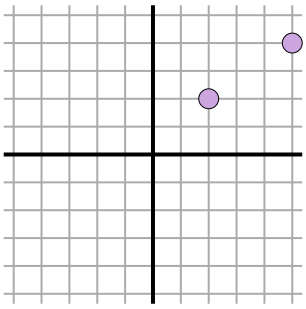
4)



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

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

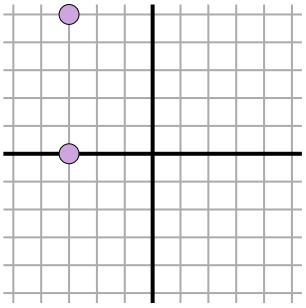
5)



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

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

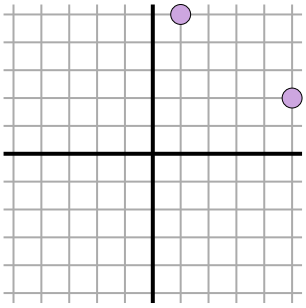
6)



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

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

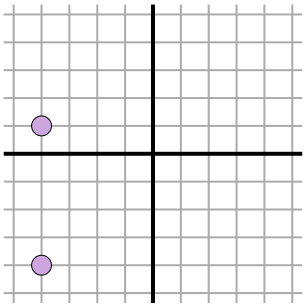
7)



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

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

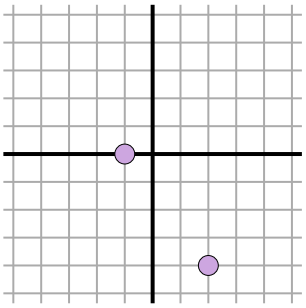
8)



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

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

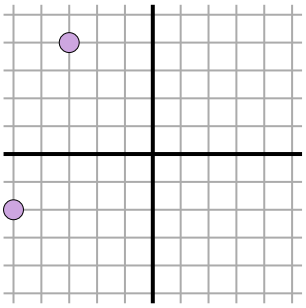
9)



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

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

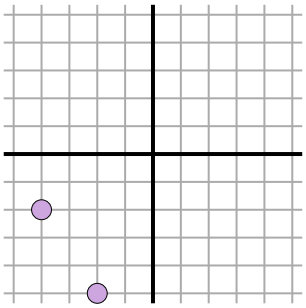
10)



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

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

11)



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

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

Answers

Ex.	7.3
1.	8.5
2.	8
3.	4.2
4.	4
5.	3.6
6.	5
7.	5
8.	5
9.	5
10.	6.3
11.	3.6

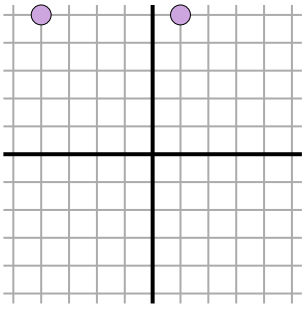
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

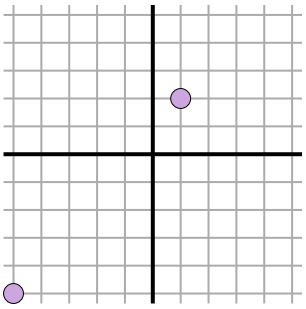
Name:

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

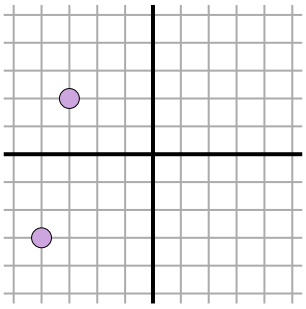
Ex)



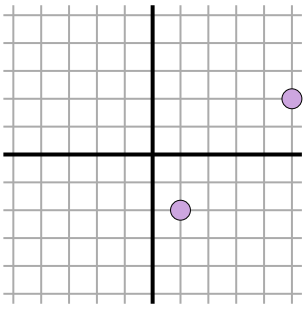
1)



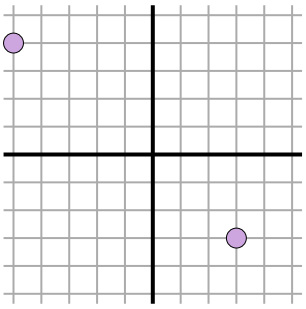
2)



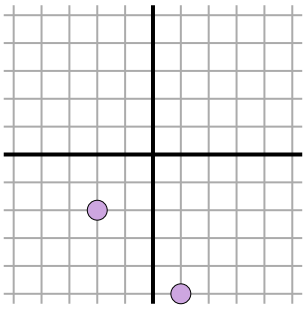
3)



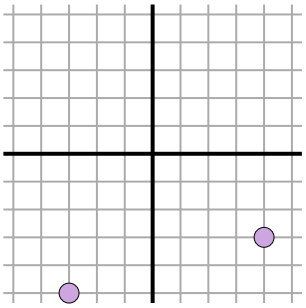
4)



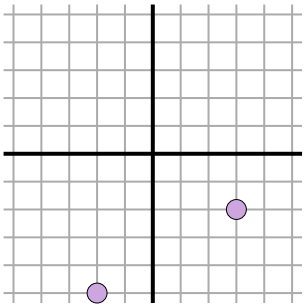
5)



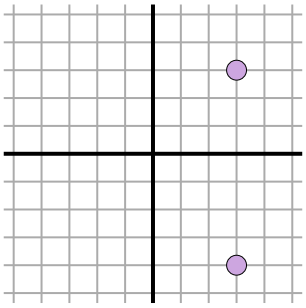
6)



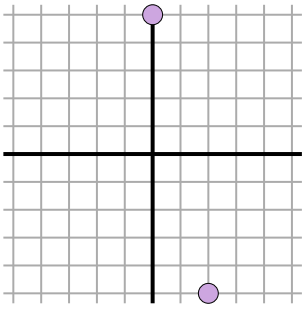
7)



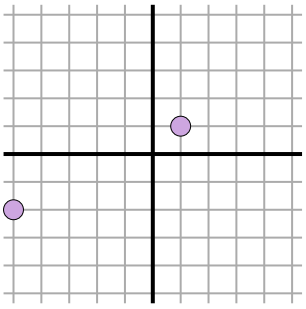
8)



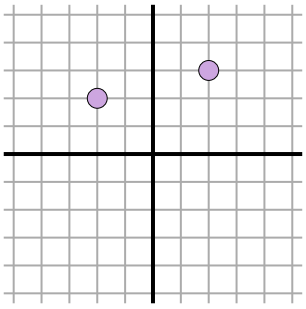
9)



10)



11)



Answers

Ex. 5

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

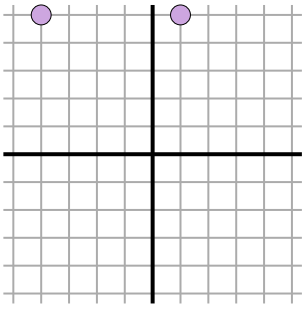
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name: **Answer Key**

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

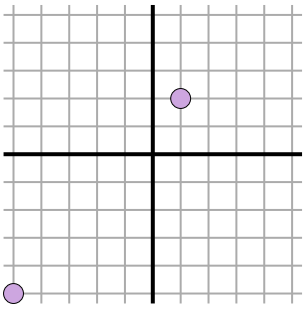
Ex)



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

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

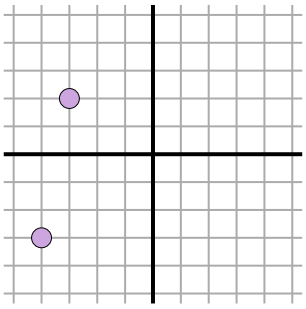
1)



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

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

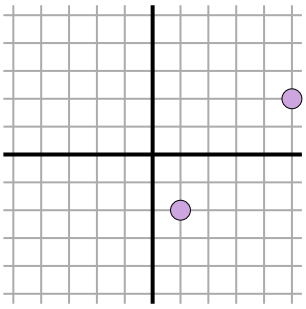
2)



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

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

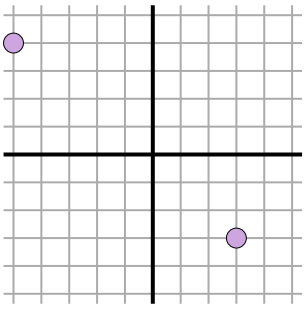
3)



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

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

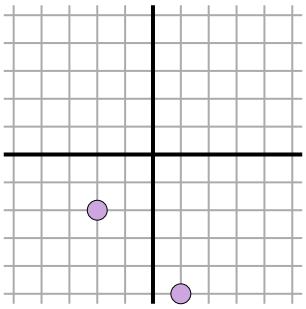
4)



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

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

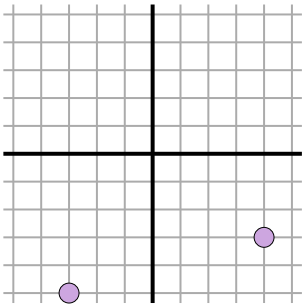
5)



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

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

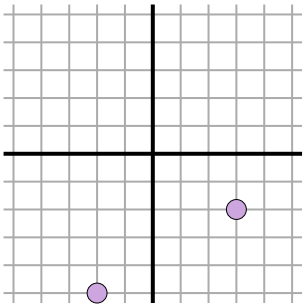
6)



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

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

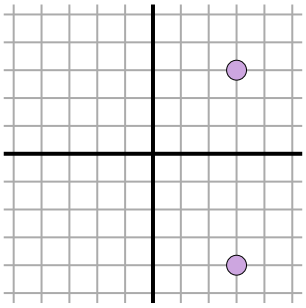
7)



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

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

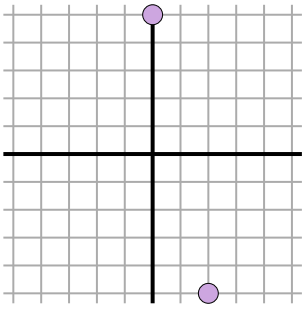
8)



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

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

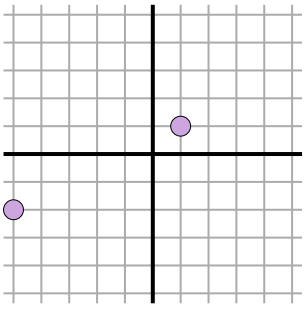
9)



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

$\sqrt{(4) + (100)}$

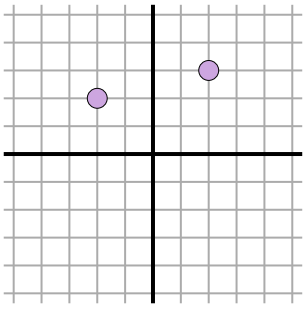
10)



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

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

11)



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

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

Answers

Ex.	5
1.	9.2
2.	5.1
3.	5.7
4.	10.6
5.	4.2
6.	7.3
7.	5.8
8.	7
9.	10.2
10.	6.7
11.	4.1

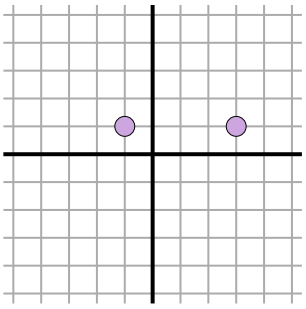
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

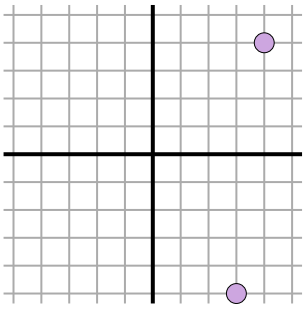
Name:

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

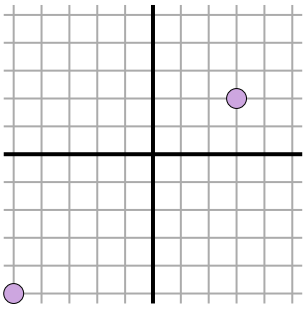
Ex)



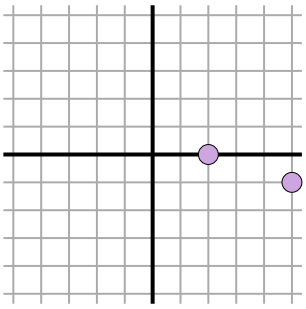
1)



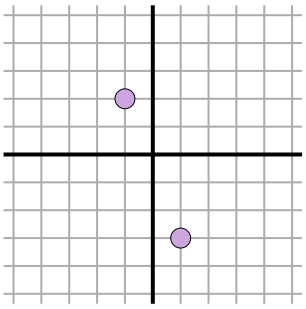
2)



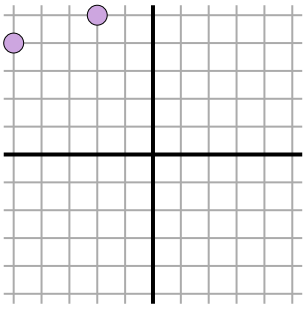
3)



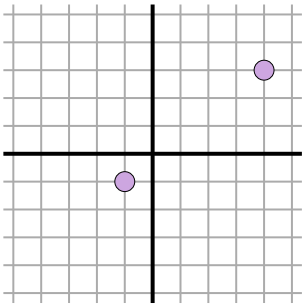
4)



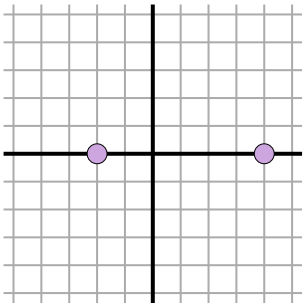
5)



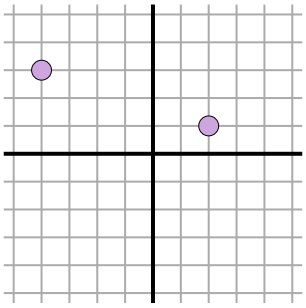
6)



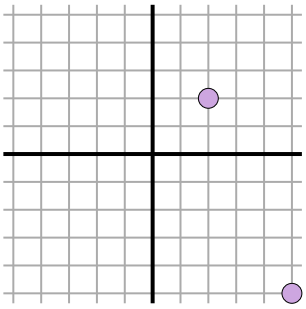
7)



8)



9)



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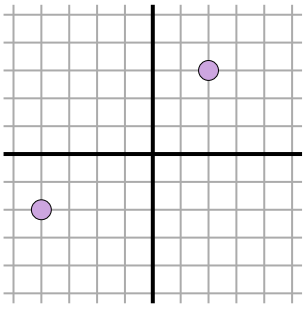
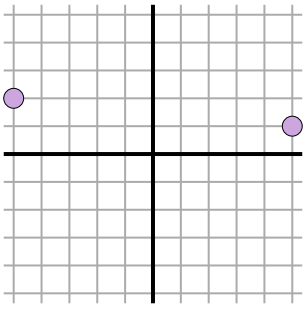


11)



Answers

Ex. 4

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

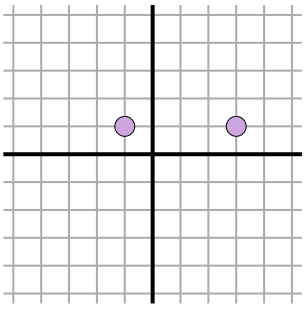
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

Name: **Answer Key**

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

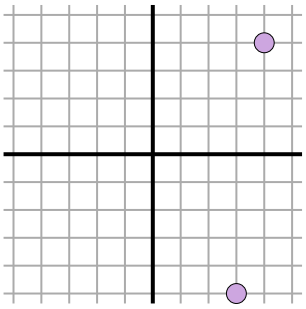
Ex)



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

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

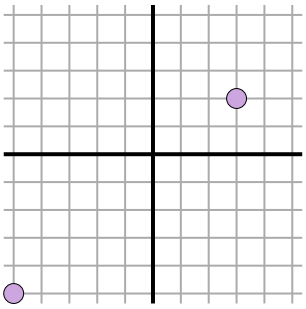
1)



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

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

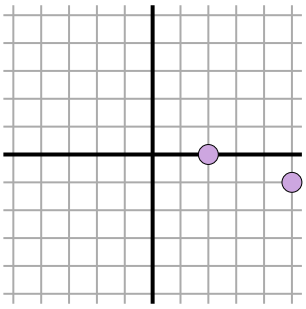
2)



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

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

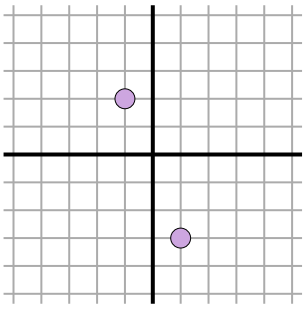
3)



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

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

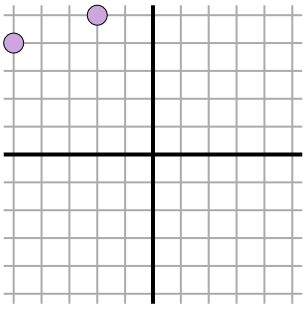
4)



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

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

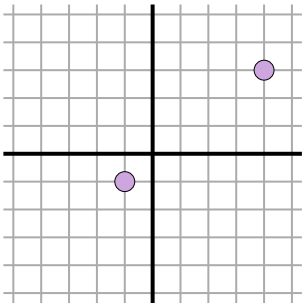
5)



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

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

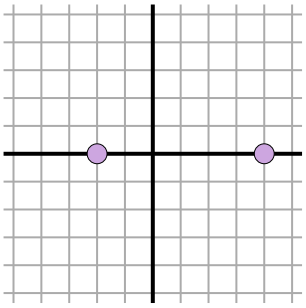
6)



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

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

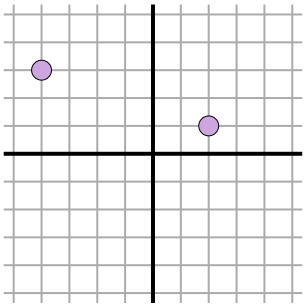
7)



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

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

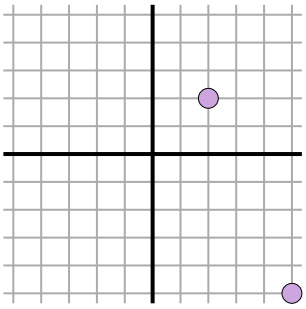
8)



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

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

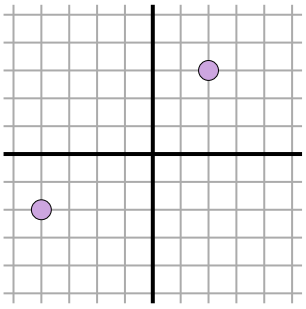
9)



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

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

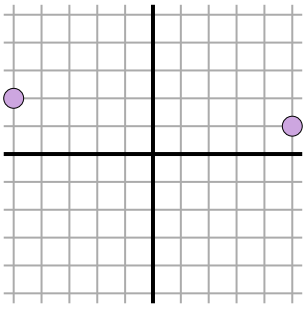
10)



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

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

11)



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

$\sqrt{(100) + (1)}$

Answers

Ex.	4
1.	9.1
2.	10.6
3.	3.2
4.	5.4
5.	3.2
6.	6.4
7.	6
8.	6.3
9.	7.6
10.	7.8
11.	10

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