

# Geometry

## Task Cards 8.G.8

20 Task Cards, Recording Sheet, Answer Sheet

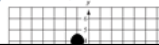
8.G.8

Apply the Pythagorean Theorem to find the distance between two points in a coordinate system.



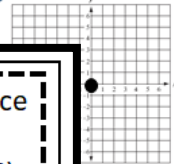
5

Find the distance between the two points on the graph.



6

Find the distance between the two points on the graph.



17

Find the distance between  $(-3, 1)$  and  $(0, 5)$

8.G.8

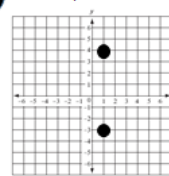
18

Find the distance between  $(5, 1)$  and  $(3, 6)$

8.G.8

19

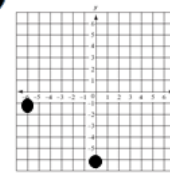
Find the distance between the two points on the graph.



8.G.8

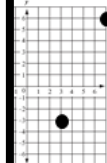
20

Find the distance between the two points on the graph.



8.G.8

distance between the points on the graph.



8.G.8



Created by:  
Math in the Midwest

# 8.G.8

Apply the Pythagorean Theorem to find the distance between two points in a coordinate system.

1

Find the distance  
between  
(5, 4) and (-1, 1)

8.G.8

2

Find the distance  
between  
(0, 4) and (-1, -5)

8.G.8

3

Find the distance  
between  
(2, -3) and (-1, 6)

8.G.8

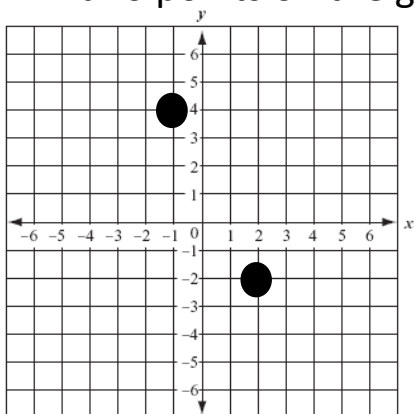
4

Find the distance  
between  
(-5, 2) and (-1, 4)

8.G.8

5

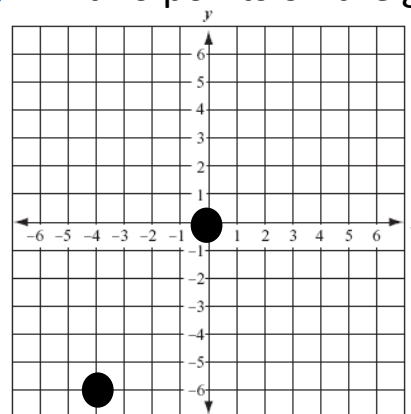
Find the distance between the two points on the graph.



8.G.8

6

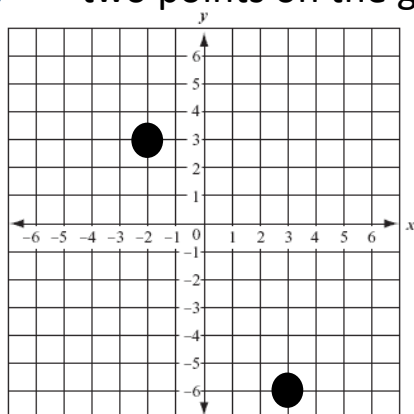
Find the distance between the two points on the graph.



8.G.8

7

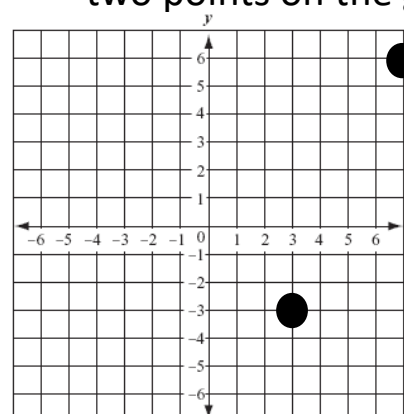
Find the distance between the two points on the graph.



8.G.8

8

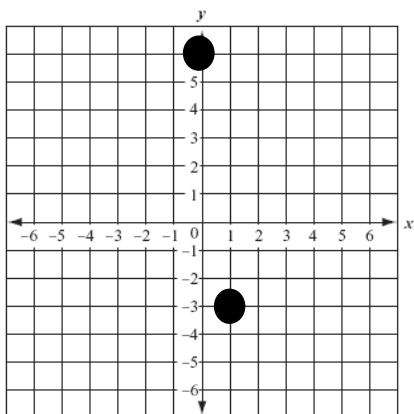
Find the distance between the two points on the graph.



8.G.8

9

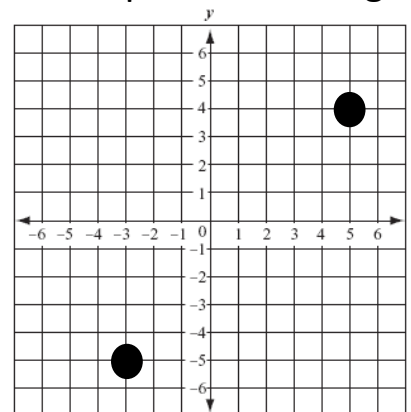
Find the distance between the two points on the graph.



8.G.8

10

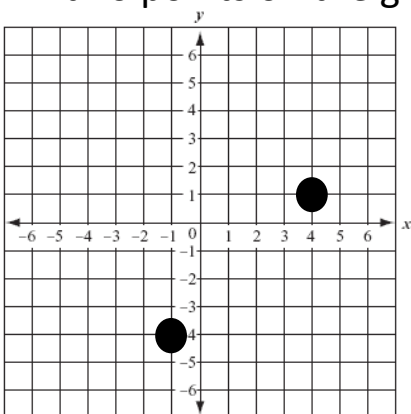
Find the distance between the two points on the graph.



8.G.8

11

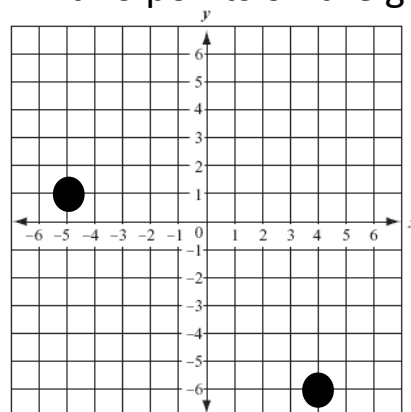
Find the distance between the two points on the graph.



8.G.8

12

Find the distance between the two points on the graph.



8.G.8

**13**

Find the distance  
between  
(0, 2) and (3, -6)

8.G.8

**14**

Find the distance  
between  
(2, 1) and (-1, -4)

8.G.8

**15**

Find the distance  
between  
(-5, -4) and (3, 0)

8.G.8

**16**

Find the distance  
between  
(-3, 2) and (-4, -1)

8.G.8

**17**

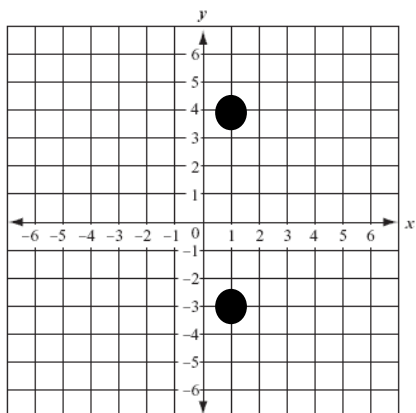
Find the distance  
between  
 $(-3, 1)$  and  $(0, 5)$

**8.G.8****18**

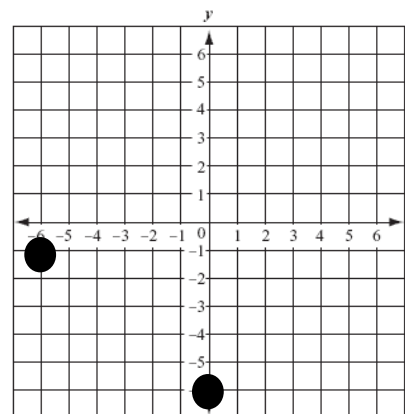
Find the distance  
between  
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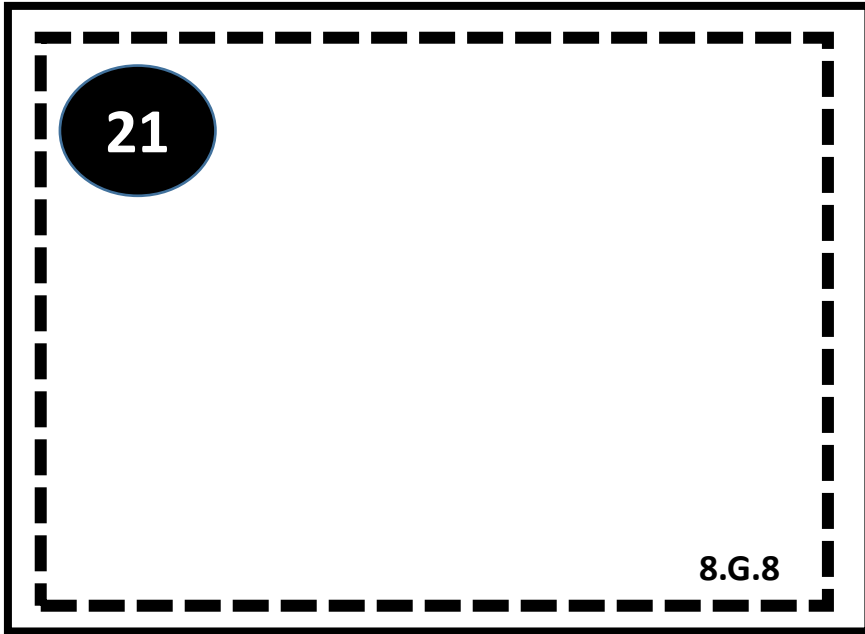
**8.G.8****19**

Find the distance between the  
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**8.G.8****20**

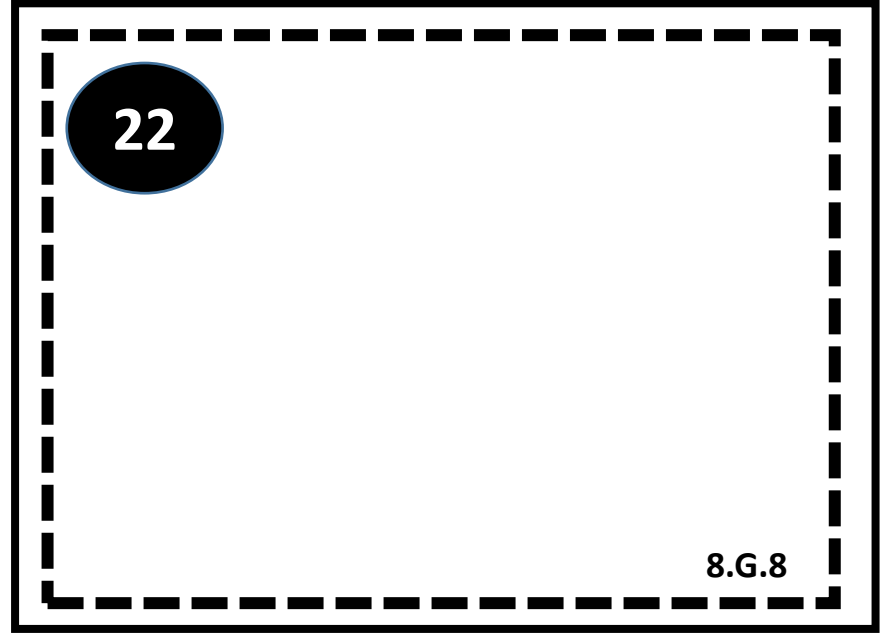
Find the distance between the  
two points on the graph.

**8.G.8**



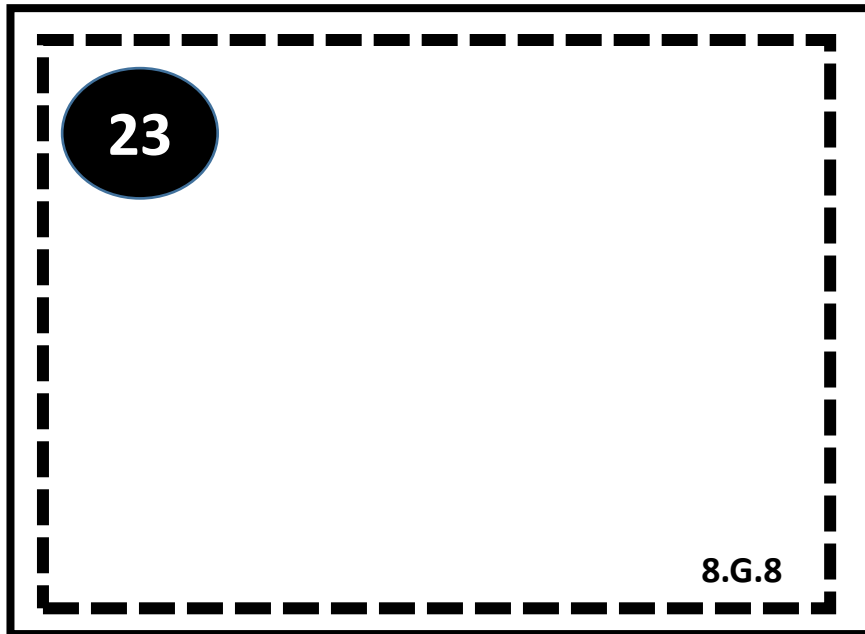
21

8.G.8



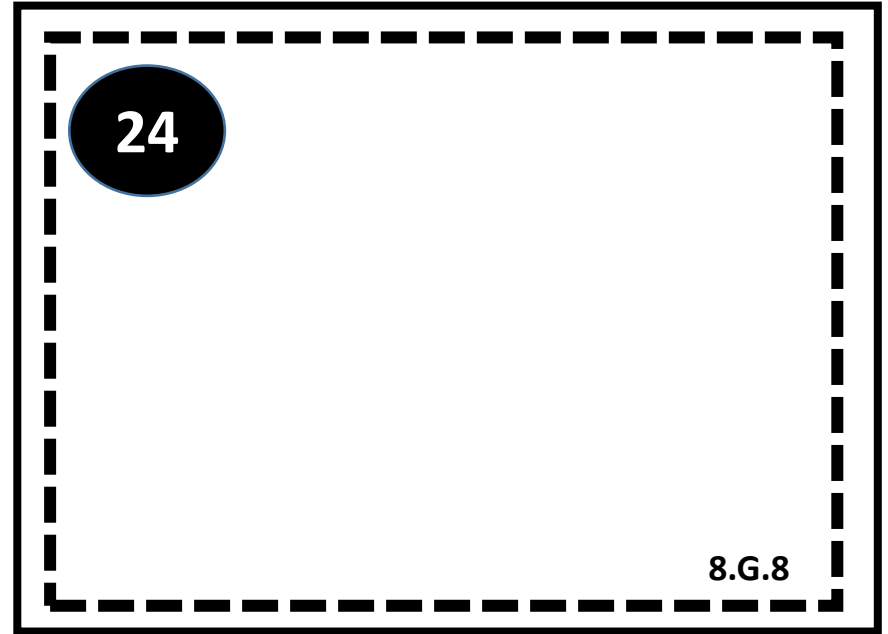
22

8.G.8



23

8.G.8



24

8.G.8



**1** Find the distance  
between  
 $(5, 4)$  and  $(-1, 1)$

8.G.8

**2** Find the distance  
between  
 $(0, 4)$  and  $(-1, -5)$

8.G.8

**3** Find the distance  
between  
 $(2, -3)$  and  $(-1, 6)$

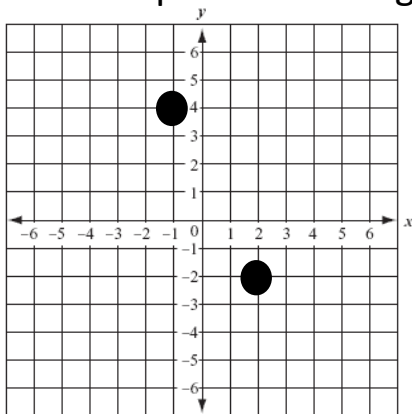
8.G.8

**4** Find the distance  
between  
 $(-5, 2)$  and  $(-1, 4)$

8.G.8

5

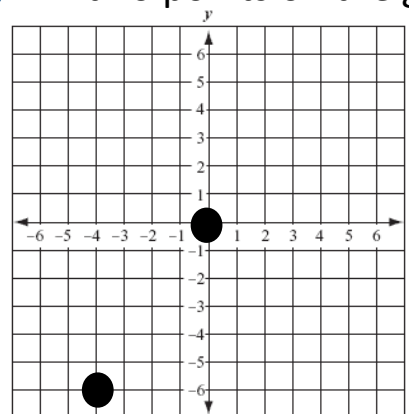
Find the distance between the two points on the graph.



8.G.8

6

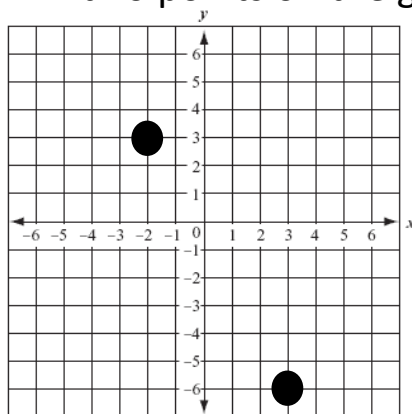
Find the distance between the two points on the graph.



8.G.8

7

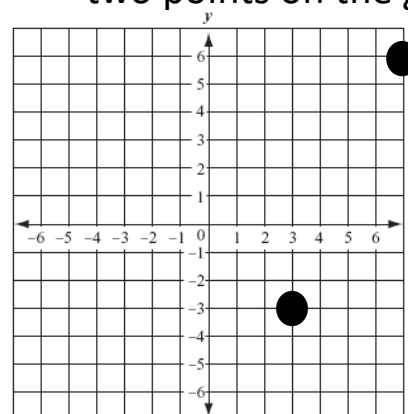
Find the distance between the two points on the graph.



8.G.8

8

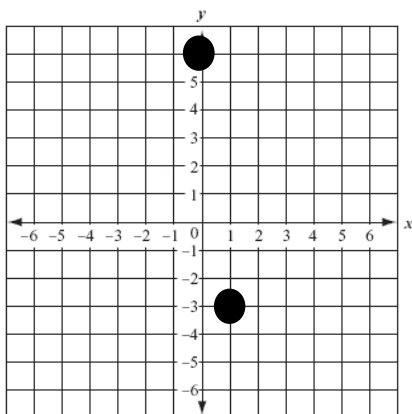
Find the distance between the two points on the graph.



8.G.8

9

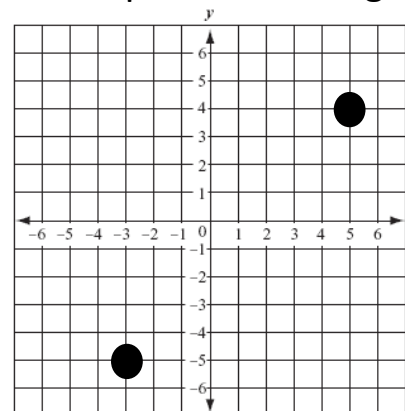
Find the distance between the two points on the graph.



8.G.8

10

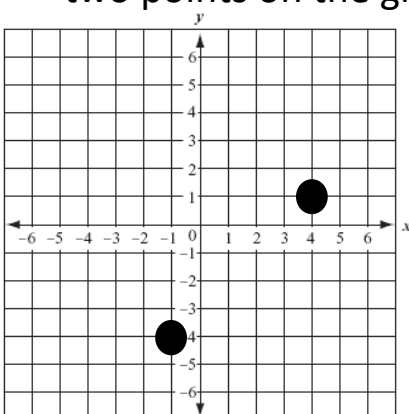
Find the distance between the two points on the graph.



8.G.8

11

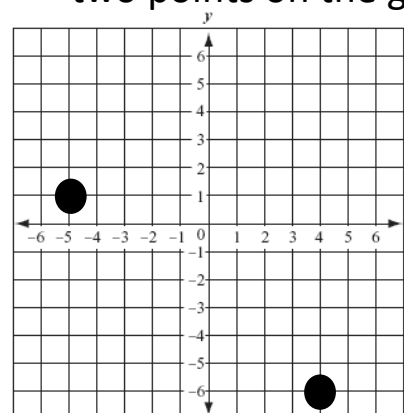
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8.G.8

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Find the distance  
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**17**

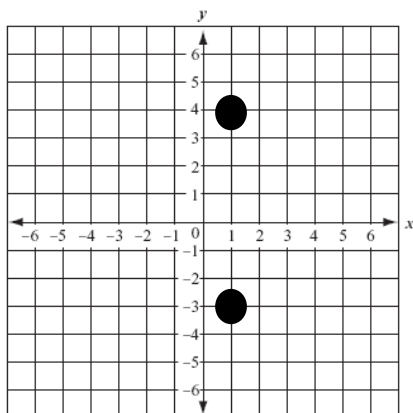
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**8.G.8****18**

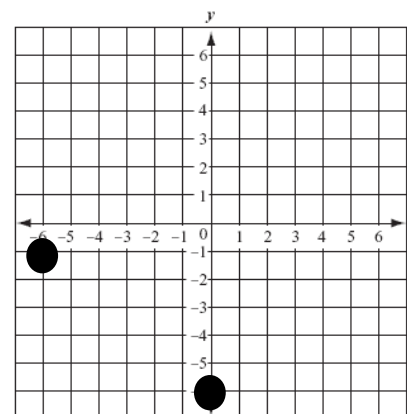
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**8.G.8**

21

8.G.8

22

8.G.8

23

8.G.8

24

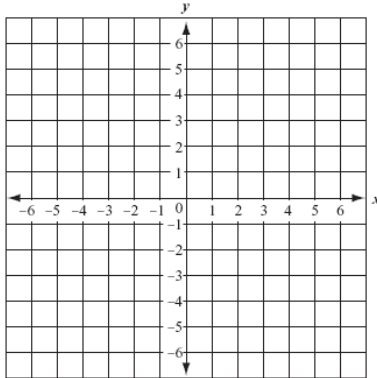
8.G.8

Name \_\_\_\_\_

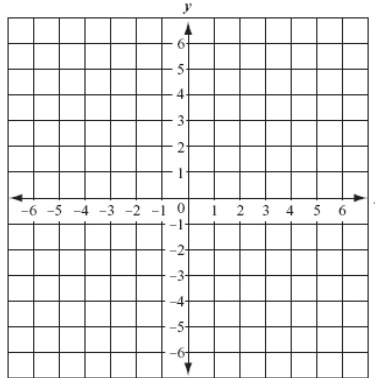
Hour \_\_\_\_\_

# 8.G.8 Recording Sheet

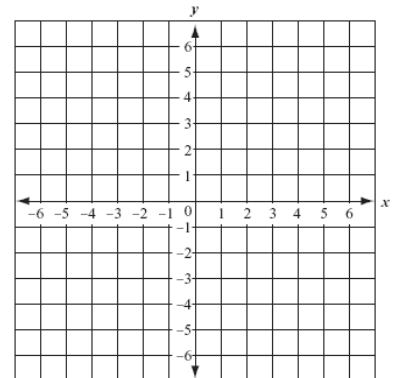
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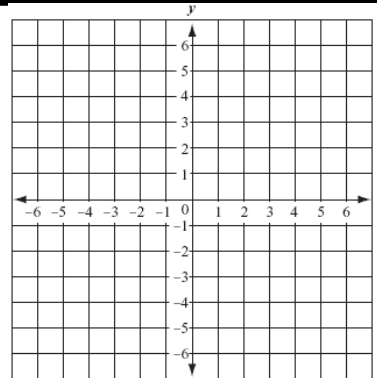
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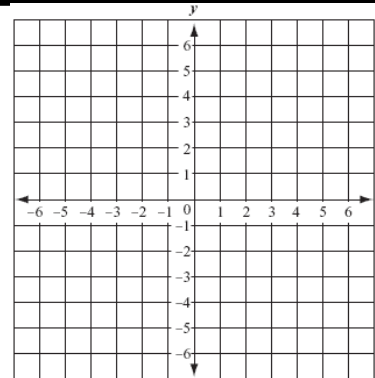
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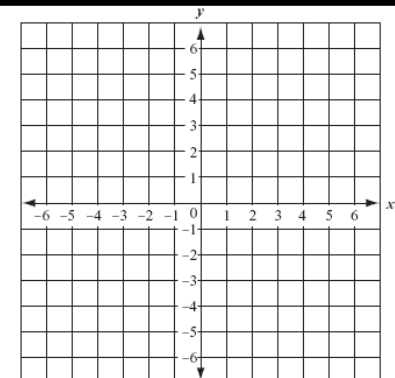
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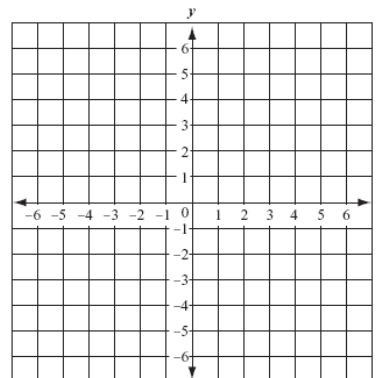
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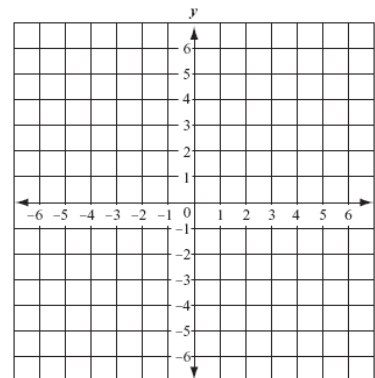
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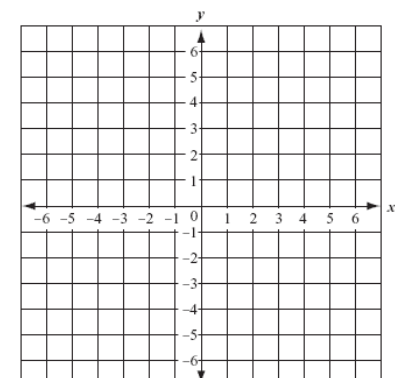
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8.



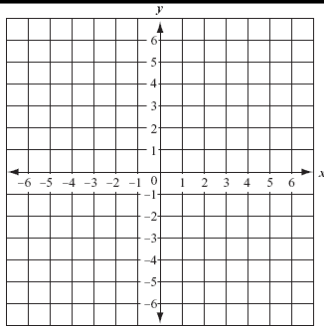
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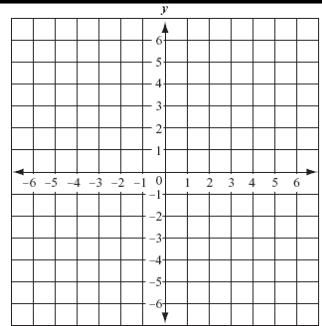
Name \_\_\_\_\_

Hour \_\_\_\_\_

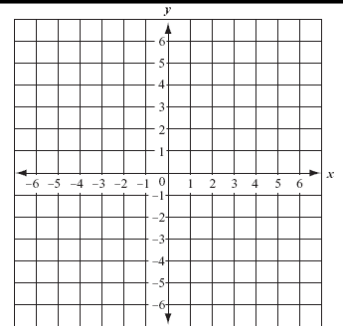
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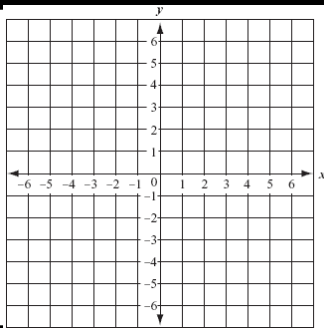
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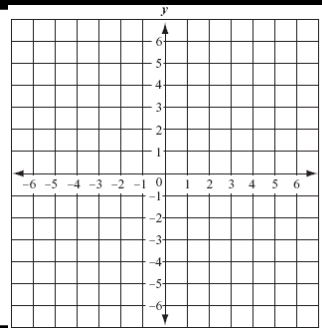
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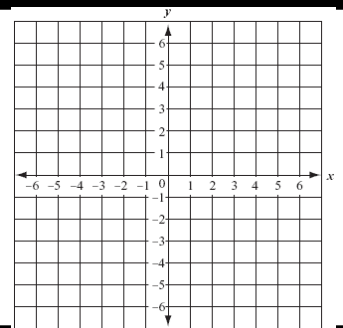
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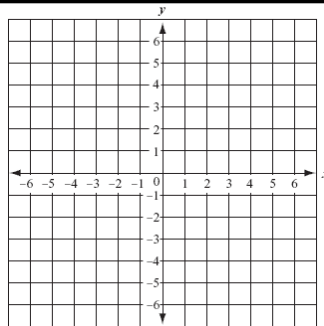
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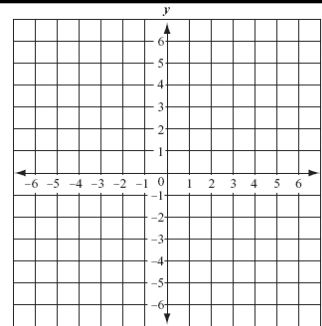
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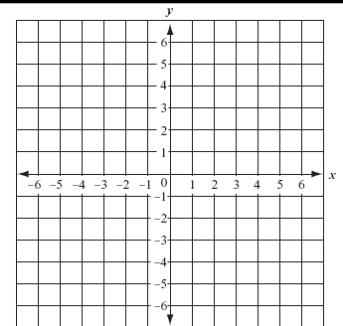
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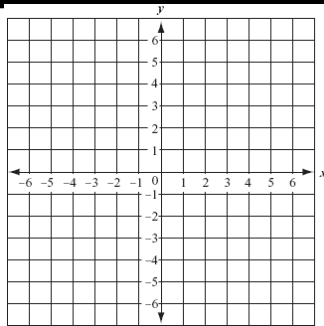
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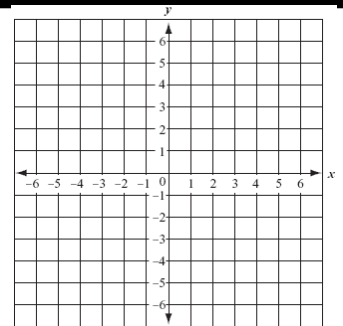
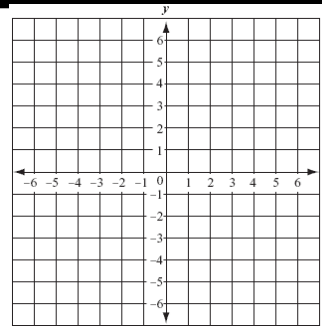
18.



19.



20.





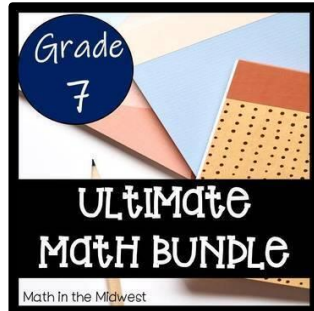
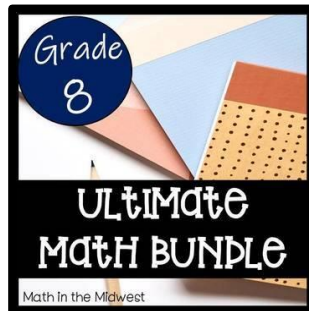
# Answer Key

Number	Answer
1	<b><i>6.7 units</i></b>
2	<b><i>9.1 units</i></b>
3	<b><i>9.5 units</i></b>
4	<b><i>4.5 units</i></b>
5	<b><i>6.7 units</i></b>
6	<b><i>7.2 units</i></b>
7	<b><i>10.3 units</i></b>
8	<b><i>9.8 units</i></b>
9	<b><i>9.1 units</i></b>
10	<b><i>12.04 units</i></b>

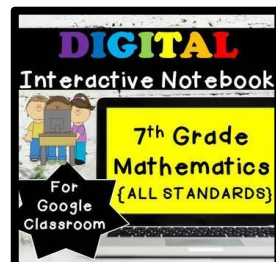
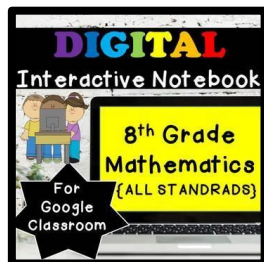
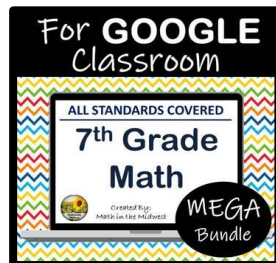
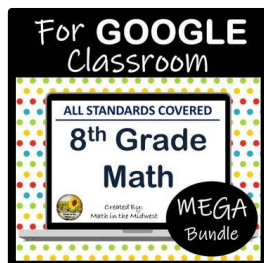
Number	Answer
11	<b><i>7.1 units</i></b>
12	<b><i>11.4 units</i></b>
13	<b><i>8.5 units</i></b>
14	<b><i>5.8 units</i></b>
15	<b><i>8.9 units</i></b>
16	<b><i>3.2 units</i></b>
17	<b><i>5 units</i></b>
18	<b><i>5.4 units</i></b>
19	<b><i>7 units</i></b>
20	<b><i>7.8 units</i></b>

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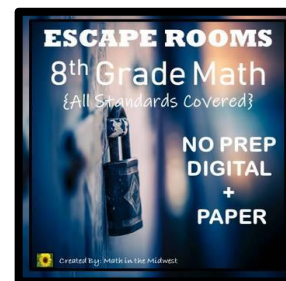
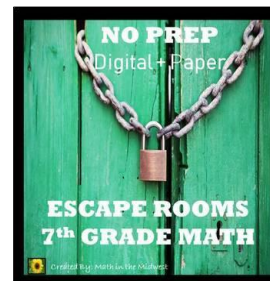


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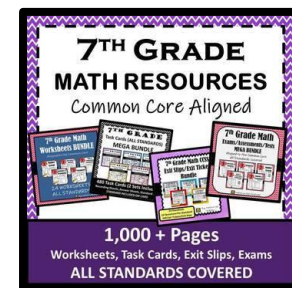
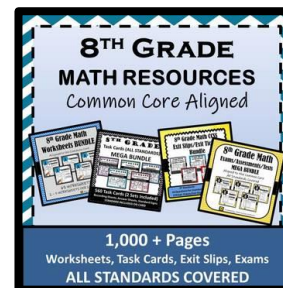


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