

Geometry

Task Cards 8.G.2

20 Task Cards, Recording Sheet, Answer Sheet

8.G.2

← →
Understand that a two-dimensional figure is congruent to another if the second can be obtained from the first by a sequence of rotations, reflections, and translations; given two congruent figures, describe a sequence that exhibits the congruence between them.

9

Describe the sequence between the two congruent figures. Note: The pre-image is on the left and the image is on the right.



8.G.2

10

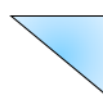
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11

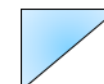
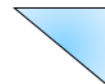
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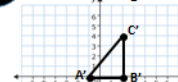
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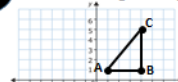
17

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18

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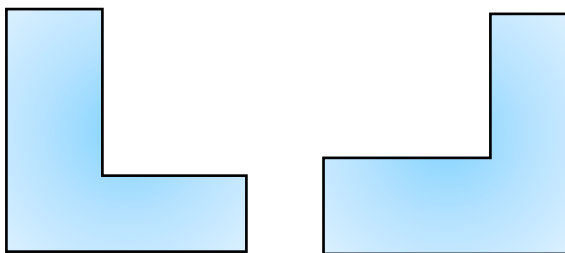
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Math in the Midwest

8.G.2

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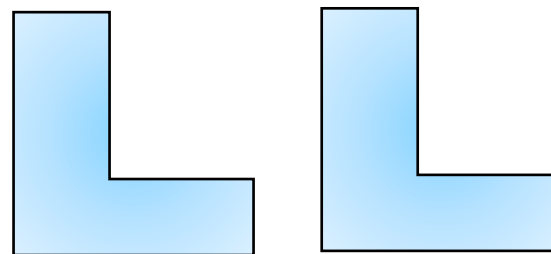
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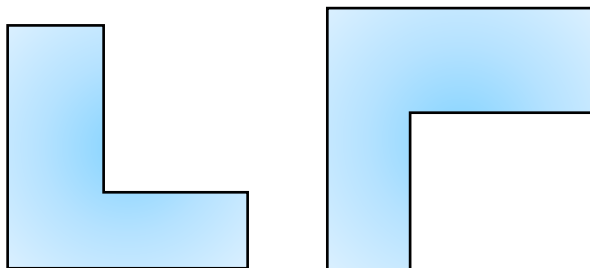
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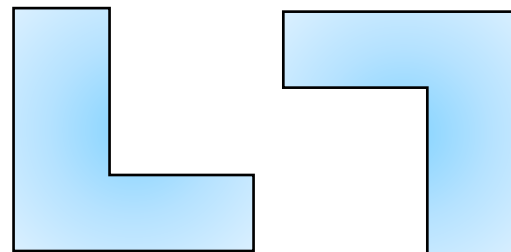
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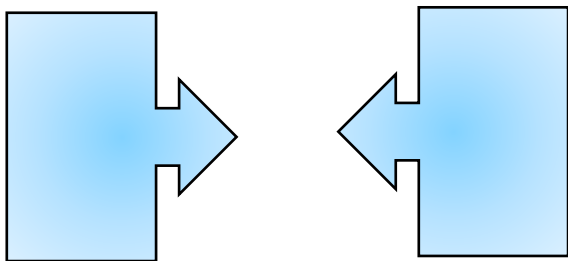
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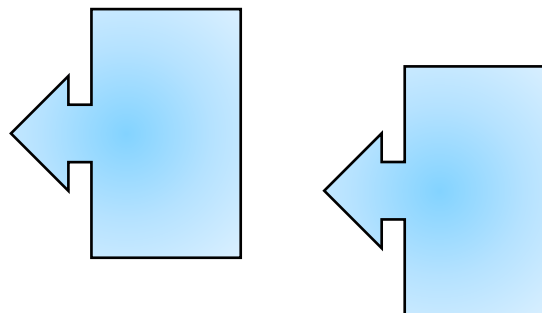
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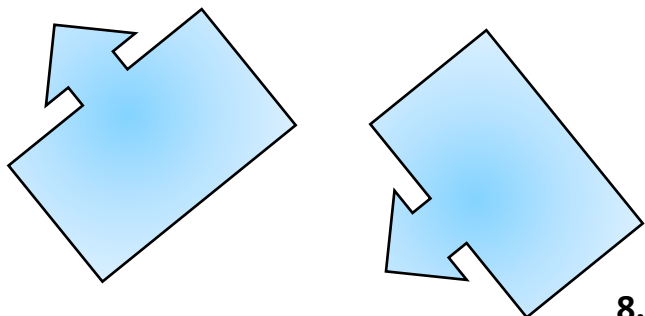
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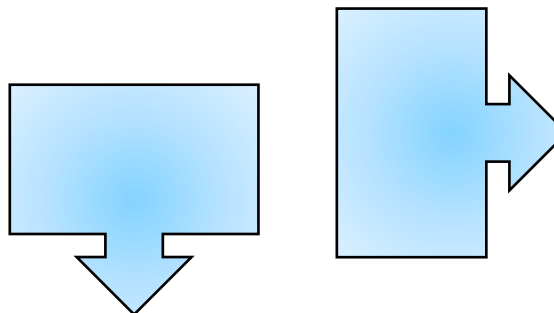
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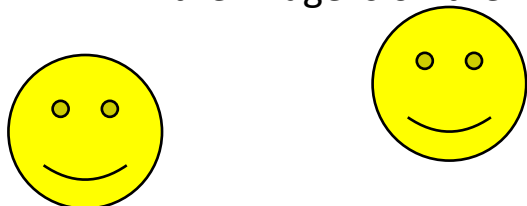
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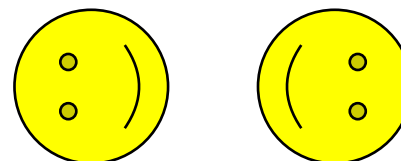
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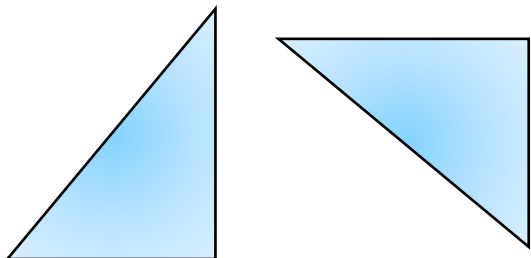
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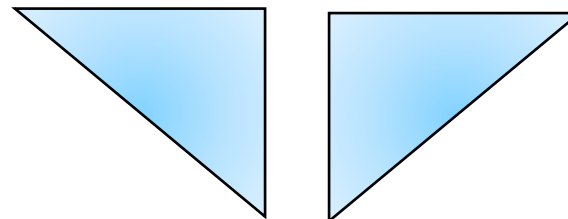
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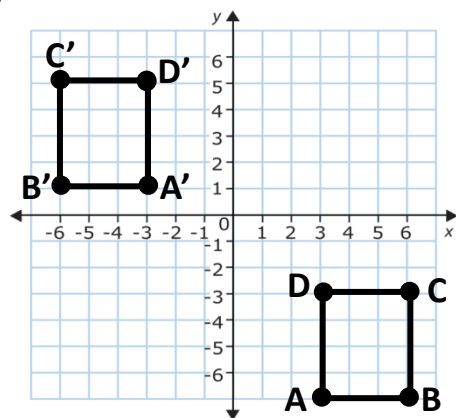
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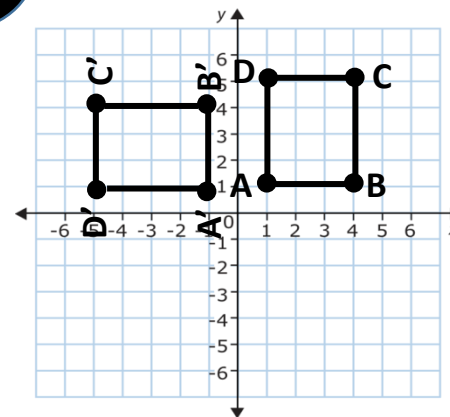
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8.G.2

14

Describe the sequence between the two congruent figures.



8.G.2

15

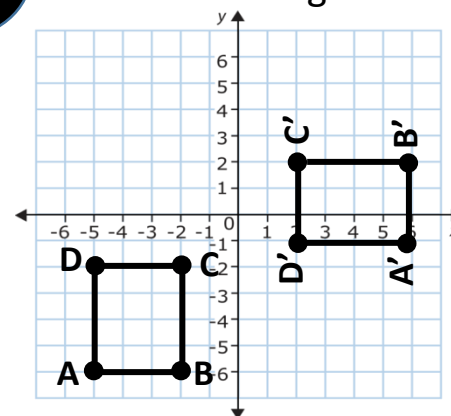
True or False

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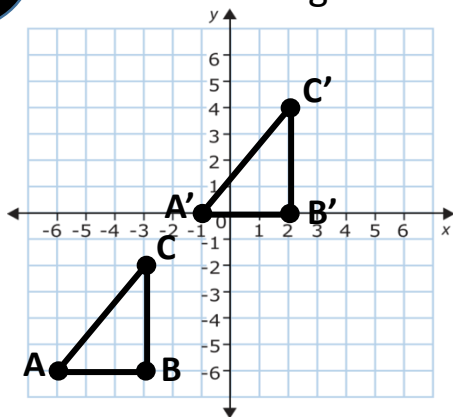
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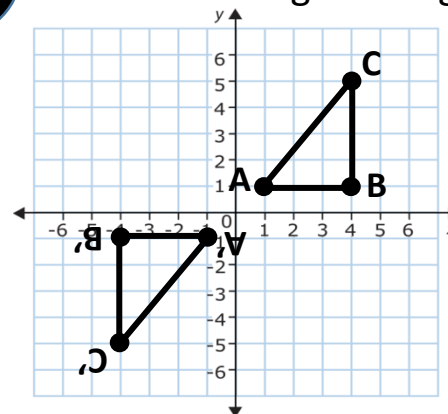
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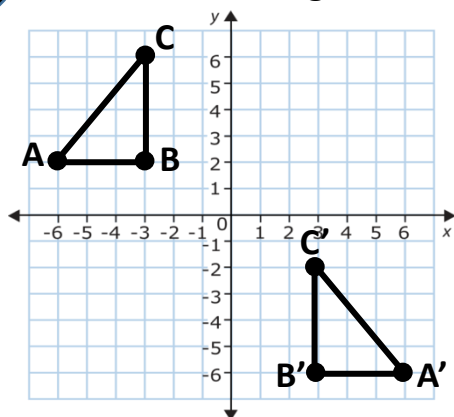
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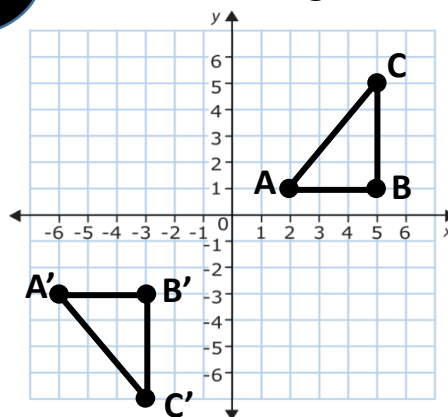
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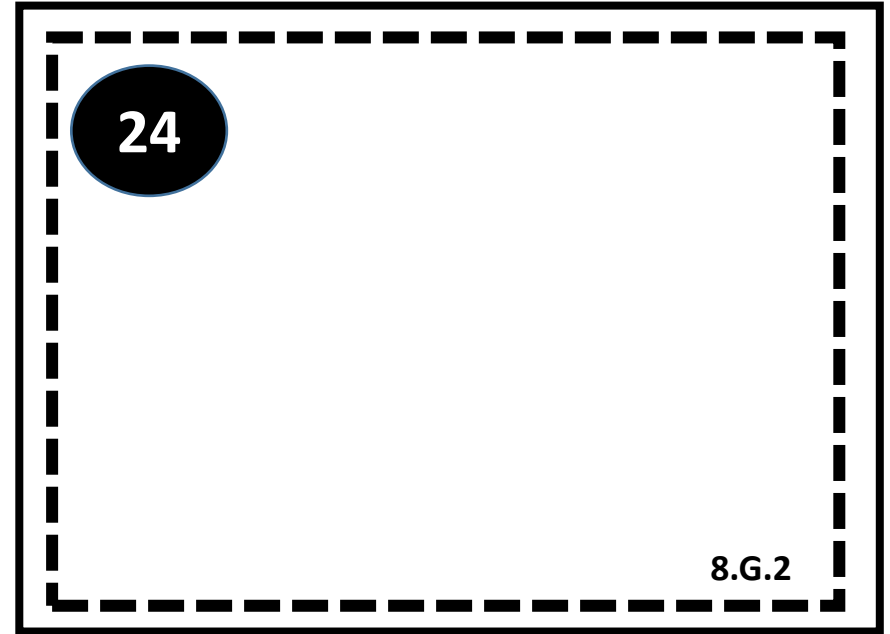
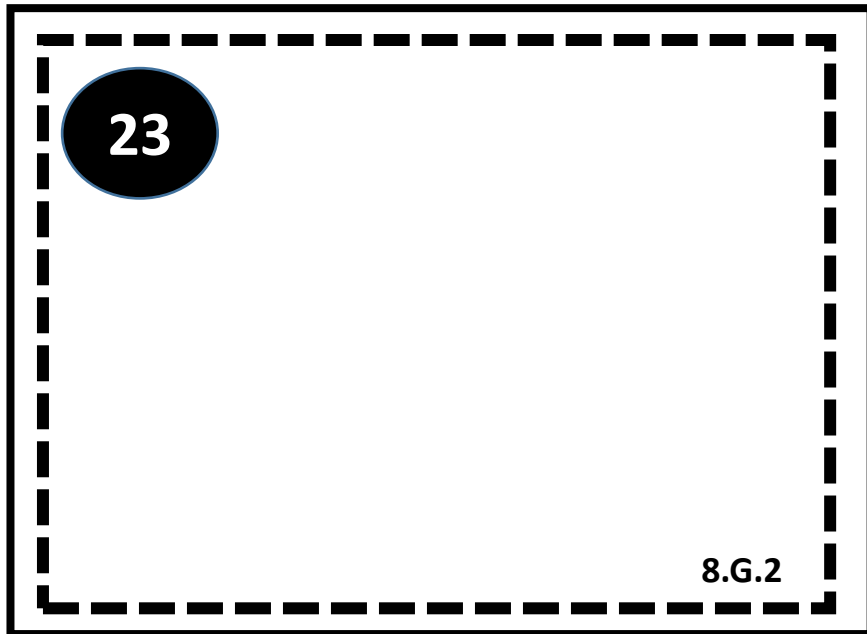
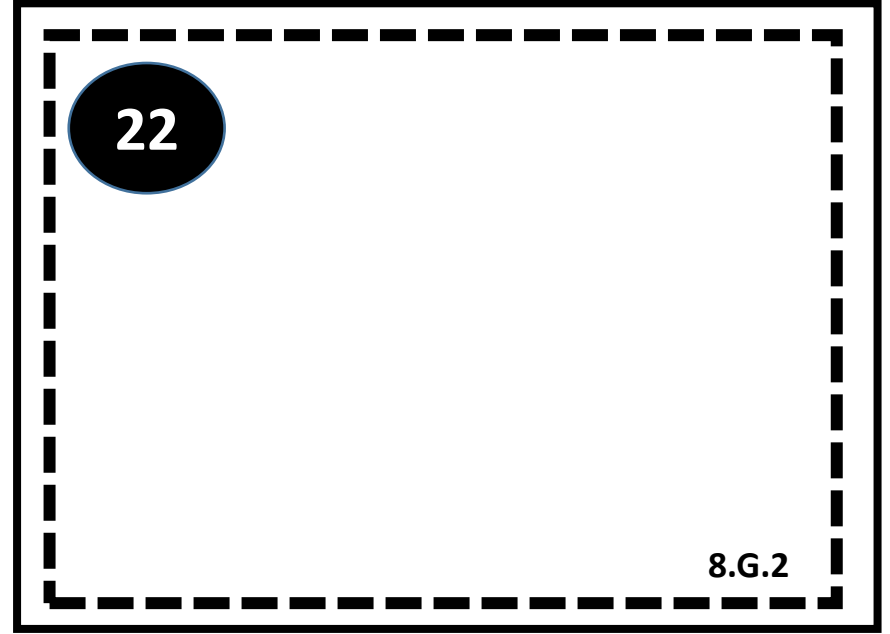
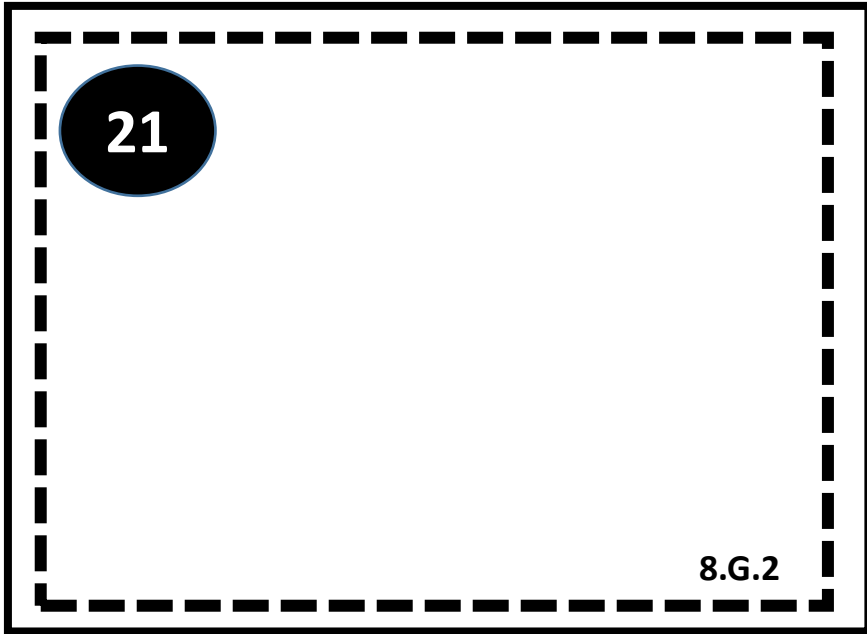
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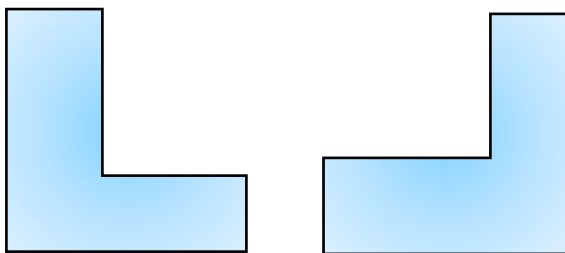


8.G.2



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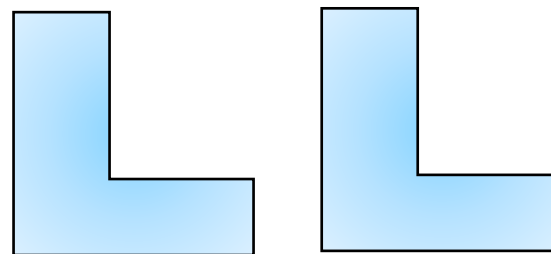
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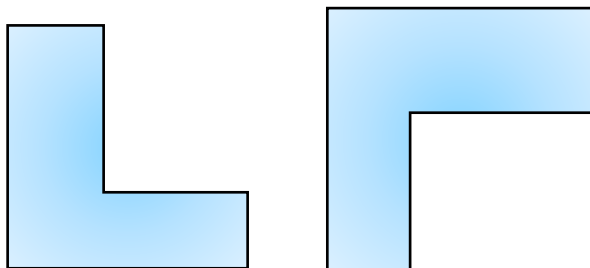
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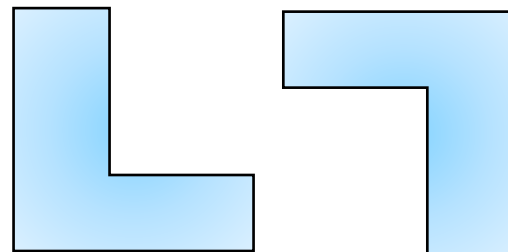
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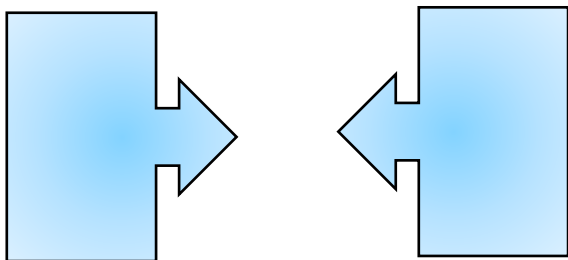
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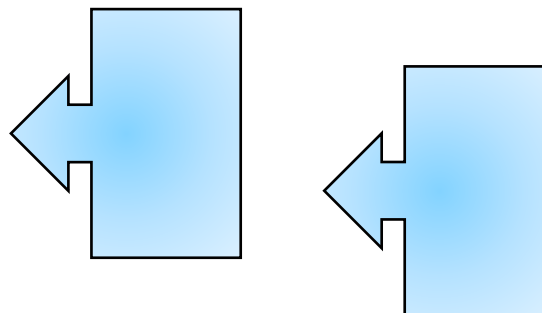
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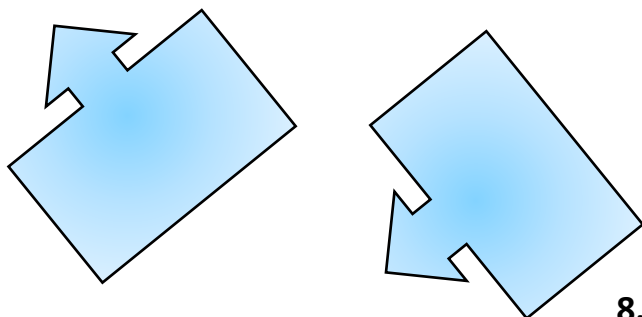
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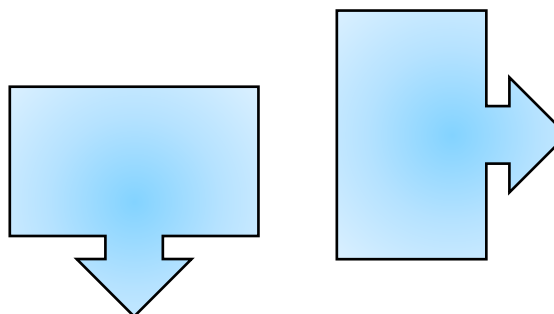
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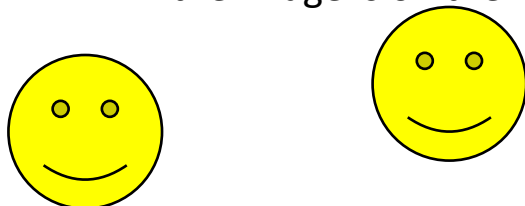
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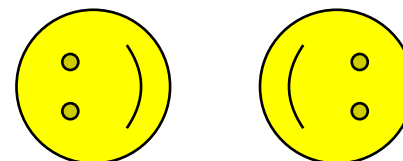
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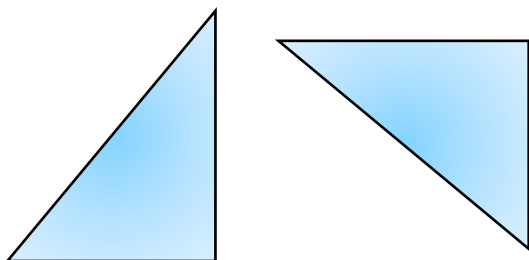
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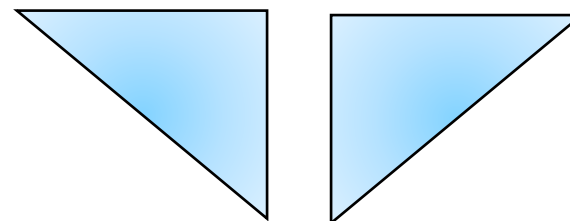
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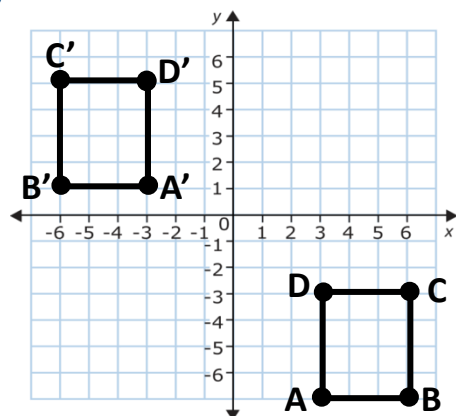
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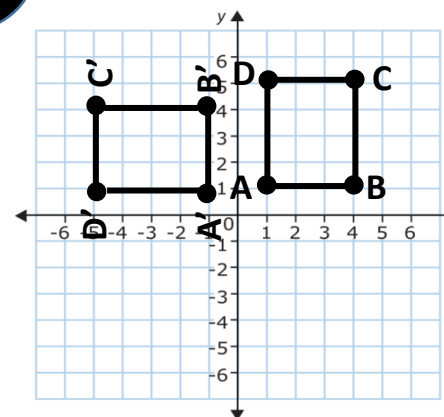
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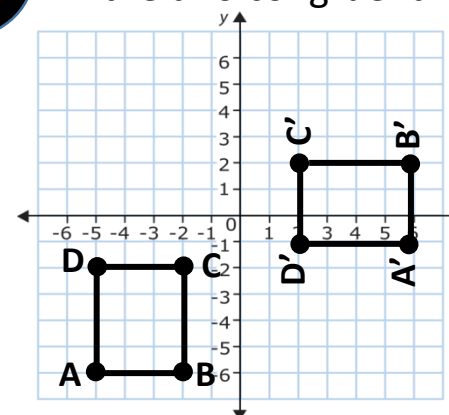
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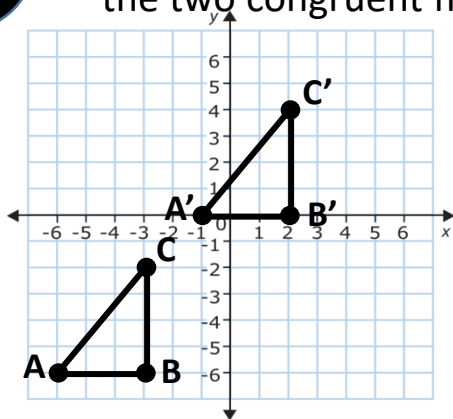
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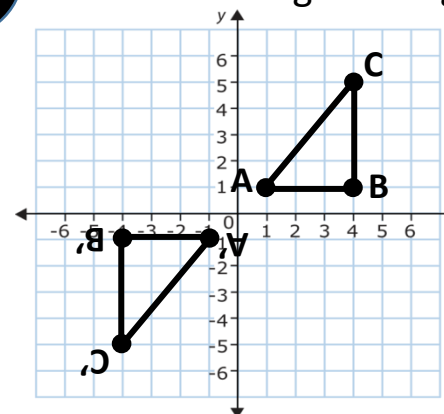
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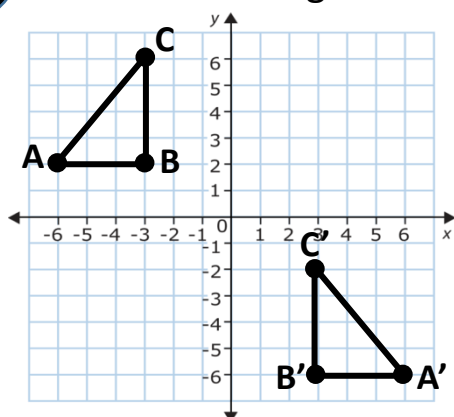
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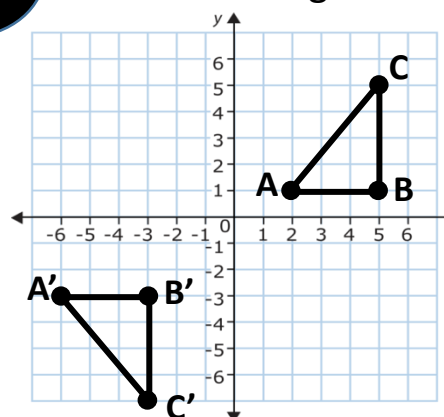
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8.G.2

21

8.G.2

22

8.G.2

23

8.G.2

24

8.G.2

Name _____

Hour _____

8.G.2 Recording Sheet

1.	2.	3.
4.	5.	6.
7.	8.	9.

Name _____

Hour _____

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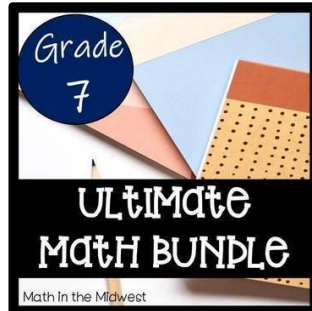
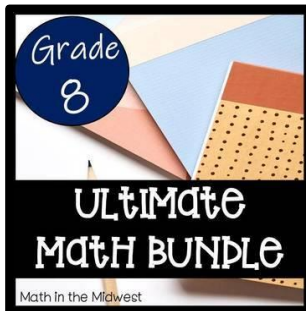
Answer Key

Number	Answer
1	<i>Reflection</i>
2	<i>Translation</i>
3	<i>Rotation</i>
4	<i>Rotation</i>
5	<i>Reflection</i>
6	<i>Translation</i>
7	<i>Rotation</i>
8	<i>Rotation</i>
9	<i>Translation</i>
10	<i>Reflection</i>

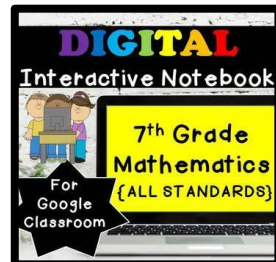
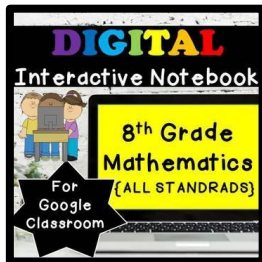
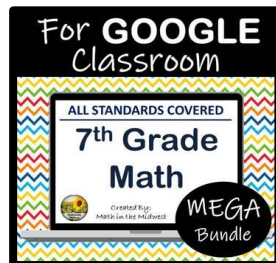
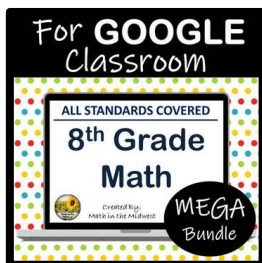
Number	Answer
11	<i>Rotation</i>
12	<i>Reflection</i>
13	<i>Reflection over the y axis then reflection over the x axis</i>
14	<i>Rotate 90 degrees Counterclockwise</i>
15	<i>True</i>
16	<i>Rotate 90 degrees clockwise then translate up 4 units</i>
17	<i>Translate right 5 and up 6</i>
18	<i>Rotate 180 degrees</i>
19	<i>Reflect over the y axis and translate down 8 units</i>
20	<i>Reflect over the x axis and translate 8 units left and 2 units down</i>

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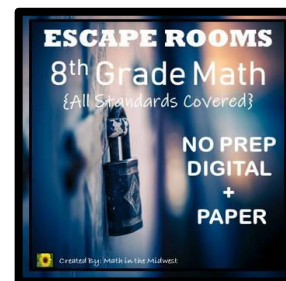
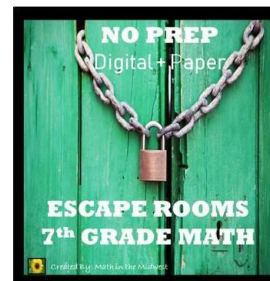
Ultimate Bundles:



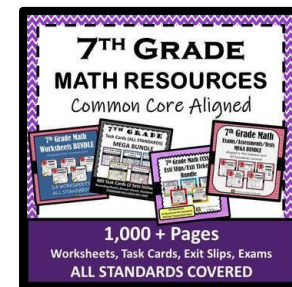
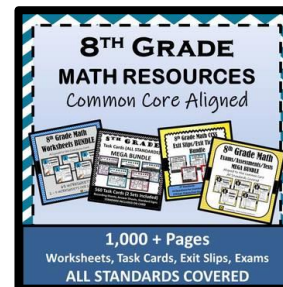
Digital Bundles:



Escape Rooms:



PDF Bundles:



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