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# 4.G.A.3 Line of Symmetry and Rotational Symmetry – II

4.G.A.3: Recognize a line of symmetry for a two-dimensional figure as a line across the figure

1. Indicate whether the figure appears to have line symmetry, rotational symmetry, both, or neither.

Solution:

Solution:

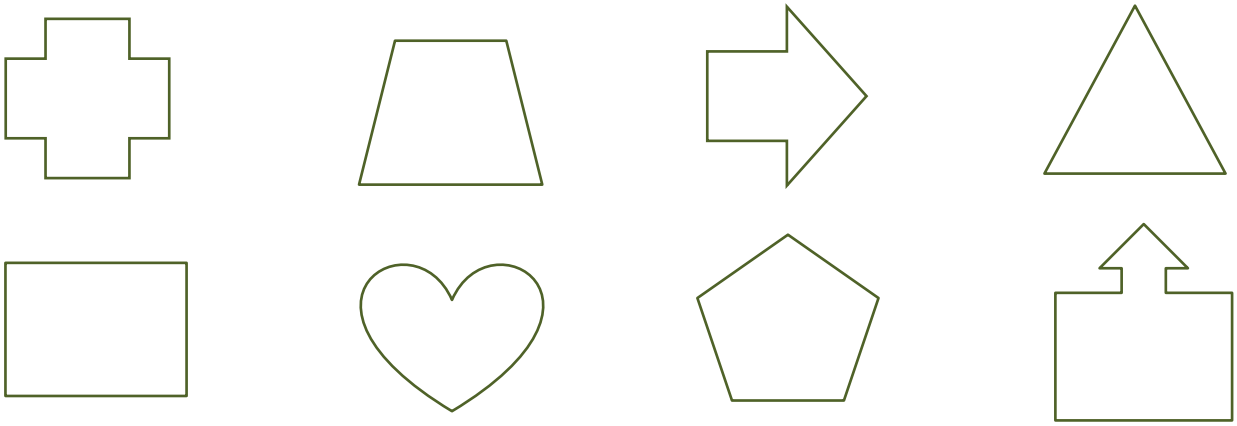
Solution:

Solution:

Solution:

Solution:

2. Draw a line or lines of symmetry in each of the following figures.



3. Draw a figure that has the following properties.
   a. No line of symmetry. Figure:
   b. 7 lines of symmetry Figure:
   c. 2 lines of symmetry Figure:
   d. 1 line of symmetry. Figure:

4. Circle has an infinite number of lines of symmetry. True or False? _____

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# 4.G.A.3 Line of Symmetry and Rotational Symmetry – II

Answer Key

4.G.A.3: Recognize a line of symmetry for a two-dimensional figure as a line across the figure

1. Indicate whether the figure appears to have line symmetry, rotational symmetry, both, or neither.

Line

Neither

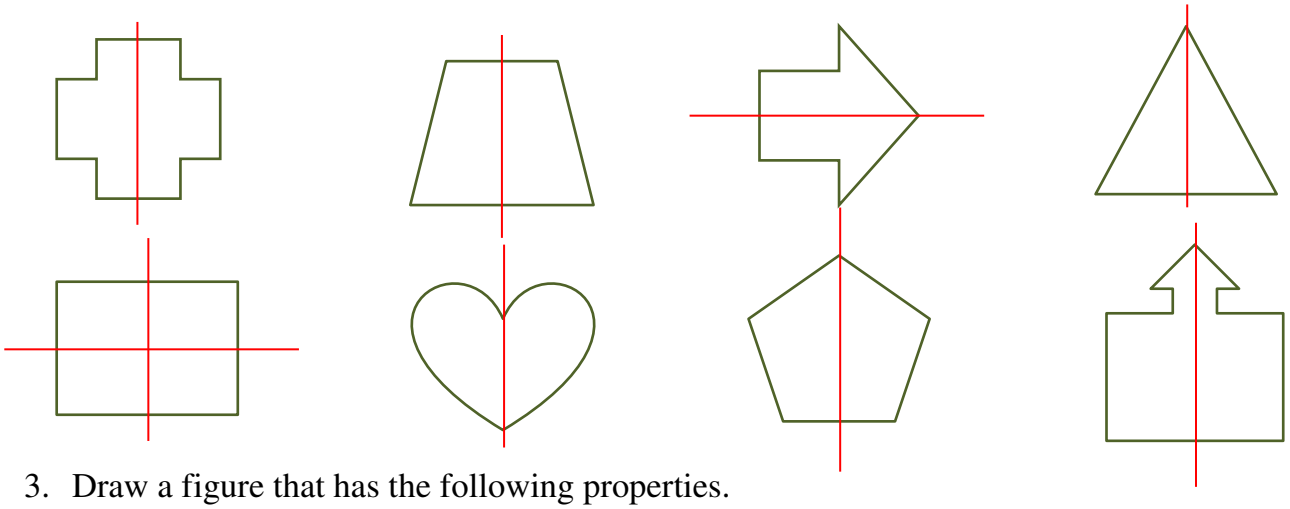
Both

Both

Neither

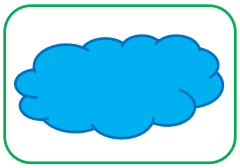
Neither

2. Draw the line or lines of symmetry in each of the following figures.

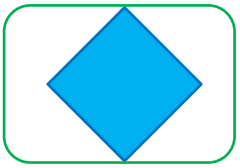


3. Draw a figure that has the following properties.

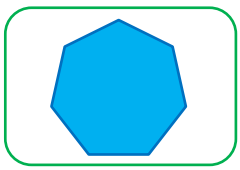
a. No line of symmetry.



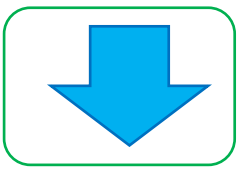
c. 2 lines of symmetry



b. 7 lines of symmetry



d. 1 line of symmetry.



4. Circle has an infinite number of lines of symmetry. True or False?

True