











**Symmetry**

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| --- | --- | --- |
| Name of Polygon | **Degrees of Rotation** that will map/carry the polygon onto itself. | **Number of Reflection Lines** that will map/carry the polygon onto itself. |
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Draw all **lines of symmetry** on each figure.

Determine if each figure has **rotational symmetry**. If it does, list all degrees of rotational symmetry that are less than 360 degrees.





Fill in the blanks to list the transformations that map/carry each figure onto itself.

 Rotate \_\_\_\_\_ degrees about ( , ) Reflect over the line \_\_\_\_\_\_\_\_\_\_ Reflect over the line \_\_\_\_\_\_\_\_\_\_

 Reflect over the line \_\_\_\_\_\_\_\_\_\_ Reflect over the line \_\_\_\_\_\_\_\_\_\_

 Rotate \_\_\_\_\_ degrees about ( , )