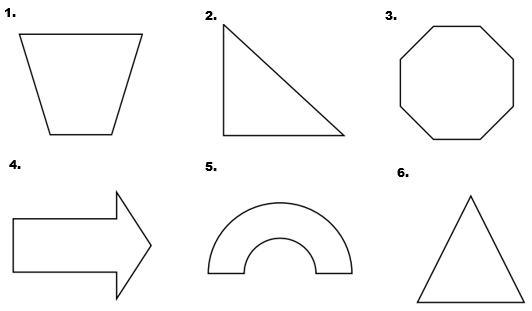
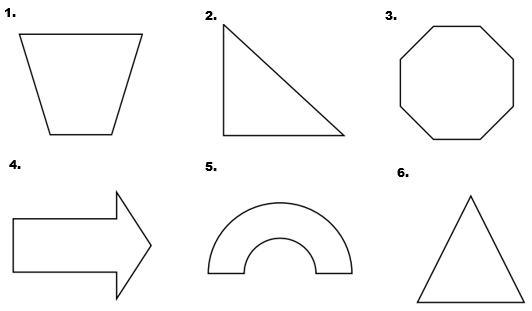
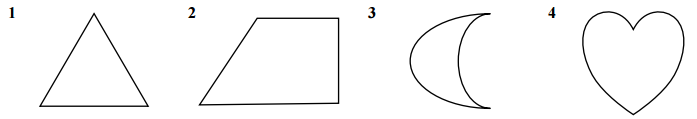
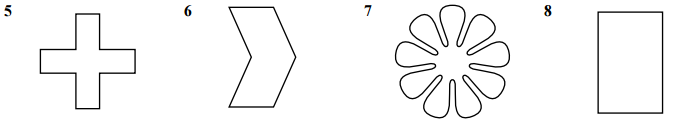


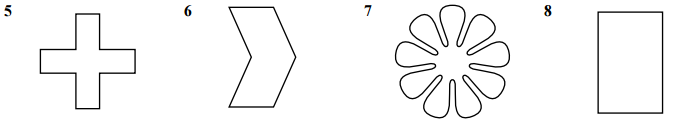
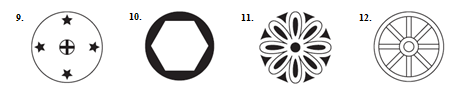
**Symmetry**

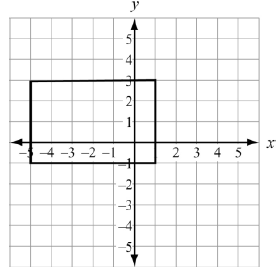
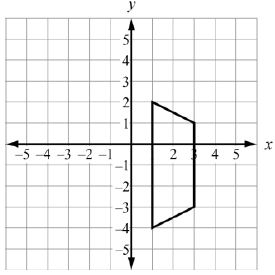
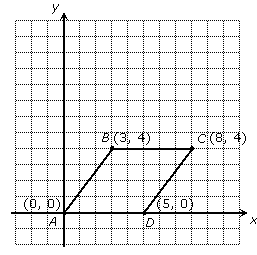
|  |  |  |
| --- | --- | --- |
| Name of Polygon | **Degrees of Rotation** that will map/carry the polygon onto itself. | **Number of Reflection Lines** that will map/carry the polygon onto itself. |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

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 ( , )