

## Geometry

### Unit: Quadrilaterals and Polygons

#### Crossword: Naming Polygons Vocabulary

**Directions: Name the following vocabulary defined below.**

Definitions:

1. A polygon with all sides and all angles congruent
2. A polygon with does not have congruent sides or angles
3. A four sided geometric figure
4. A five sided geometric figure
5. A six sided geometric figure
6. A seven sided geometric figure
7. A eight sided geometric figure
8. A nine sided geometric figure
9. A ten sided geometric figure
10. A twelve sided geometric figure
11. A geometric figure in which none of the vertices are 'inside' the polygon, all interior angles are less than  $180^\circ$
12. A geometric figure in which at least one vertex is 'inside' the polygon, at least on interior angle is greater than  $180^\circ$

Answers:

1. Regular
2. Irregular
3. Quadrilateral

4. Pentagon
5. Hexagon
6. Heptagon
7. Octagon
8. Nonagon
9. Decagon
10. Dodecagon
11. Convex
12. Concave