Flashcards: Naming Polygons

Directions: Name the following figure described below.

Definitions:

1. 8 sided polygon with each side measuring 10.

2. 6 sided polygons with each angle measuring 120°.

3. Five sided polygon with each angle measuring 108°

4. 4 sided polygons with sides measuring 8, 8, 12, 12

5. Image is of a seven sided figure with four sides marked congruent and three other sides marked congruent.

6. Image is of a eight sided figure with four angles marked congruent and four other angles marked congruent.

7. Image is of a five sided figure with two sides marked congruent and three other sides not congruent.

Answers:

1. Regular Octagon

A regular octagon has 8 sides and all sides and angles are congruent.

2. Regular Hexagon

A regular hexagon has 6 sides and all sides and angles are congruent.

3. Regular Pentagon

A regular pentagon has 5 sides and all sides and angles are congruent.

4. Irregular Quadrilateral

An irregular quadrilateral has four sides that are not all congruent.

5. Irregular Heptagon

An irregular heptagon has seven sides that are not all congruent.

6. Irregular Octagon

An irregular octagon has eight sides and angles that are not all congruent.

7. Irregular Pentagon

An irregular pentagon has five sides that are not all congruent.