

Vocabulary Check

Fill in the blank with the correct vocabulary term.

1. A line that intersects two or more lines is called

a

2. are those angles that are in the same position on the two lines in relation to the transversal.

3. uses facts, rules, definitions, or laws to make conjectures from given situations.

4. A statement or conjecture that has been proven and can be used as a reason to justify statements in other proofs is called a .

5. The describes the relationship between the lengths of the legs and the hypotenuse of *any* right triangle.

6. Interior angles that lie on opposite sides of the transversal are called

7. Two lines that are in the same plane and do not intersect are called

8. is the process making a conjecture after observing several examples.

9. The is the side opposite the right angle in a right triangle.

10. A polygon that is equilateral (all sides the same length) and equiangular (all angles have the same measure) is called a

hypotenuse

transversal

Corresponding angles

Inductive reasoning

parallel lines

Deductive reasoning

alternate interior angles

theorem

Pythagorean Theorem

regular polygon