

Name _____

Date _____

Logic- Negation- NOT & Conjunction- AND - Independent Practice Worksheet

What is the truth value of the negation of each sentence?

1. If two interior angles add to 180° , then the lines intersected by the transversal are parallel.
2. A square can also be defined as a parallelogram with equal diagonals that bisects the angle.
3. Each angle in an equilateral triangle is 90° .
4. A square has a larger area than any other quadrilateral with the same perimeter.
5. The sum of the exterior angles of any polygon is 270° .
6. The sum of the interior angles of any quadrilateral is 180° .
7. Acute triangles have all angles obtuse.
8. Right triangles have one right angle.
9. If two corresponding angles are equal, then the lines intersected by the transversal are parallel.
10. Opposite sides of a square are both parallel and equal in length.

