$\qquad$ Date: $\qquad$ Period: $\qquad$

## cameron's geometry crossword mystery



## Across

3. at an angle of $90^{\circ}$ to a given line, plane, or surface
4. a four-sided plane rectilinear figure with opposite sides parallel.
5. a polygon with 5 sides and 5 angles
6. more than $90^{\circ}$ and less than $180^{\circ}$
7. A line meeting another at a right angle, or $90^{\circ}$
8. the angle bisector theorem is concerned with the relative lengths of the two segments that a triangle's side is divided into by a line that bisects the opposite angle.
9. are two angles that are on the exterior of and, but on opposite sides of the transversal.
10. a triangle having three unequal sides and angles
11. either of two angles whose sum is $180^{\circ}$.
12. an angle of $90^{\circ}$, as in a corner of a square or at the intersection of two perpendicular straight lines

## Down

1. a triangle with all sides equal and all angles equal
2. are a pair of angles on the inner side of each of those two lines but on opposite sides of the transversal.
3. same shape and size, or if one has the same shape and size as the mirror image of the other.
4. a part of a figure cut off by a line or plane intersecting it, in particular.
5. a parallelogram having four right angles
6. an angle less than 90 degrees but greater than 0 degrees
7. a plane figure with four equal straight sides and four right angles.
8. a parallelogram with opposite equal acute angles, opposite equal obtuse angles, and four equal sides. 14. a continuous extent of length 17. the intersection point of two sides of a plane figure
