

Medians and Altitudes

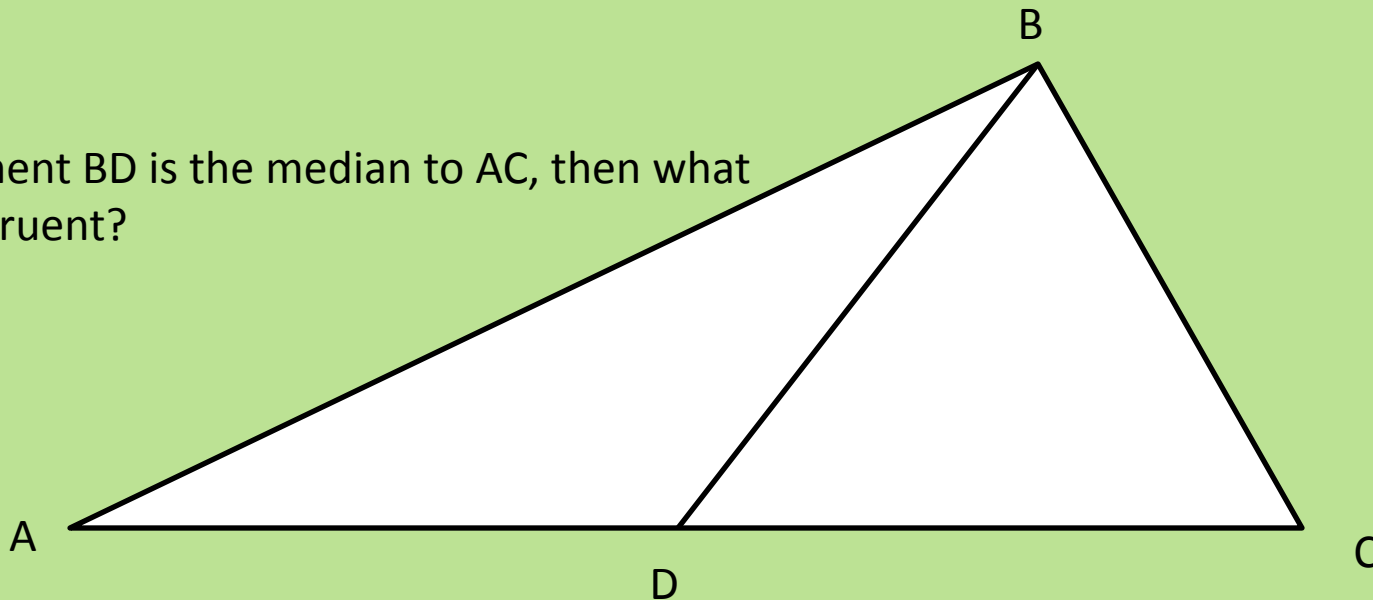
Math Essentials

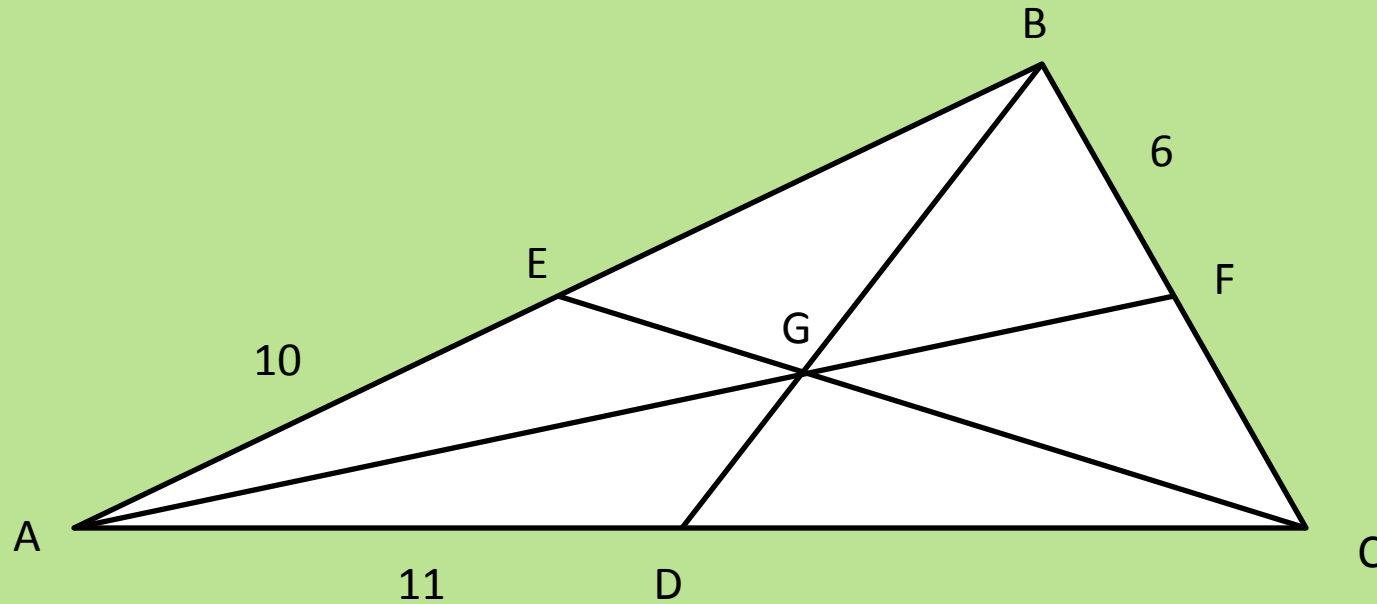
A median of a triangle is...

...a **segment** drawn from a **vertex** of the triangle to the **midpoint** of the opposite side.

(A median bisects the side to which it is drawn.
There are NO congruent angles or right angles!)

If segment BD is the median to AC, then what is congruent?





If G is the **centroid**, list all pairs of congruent segments.

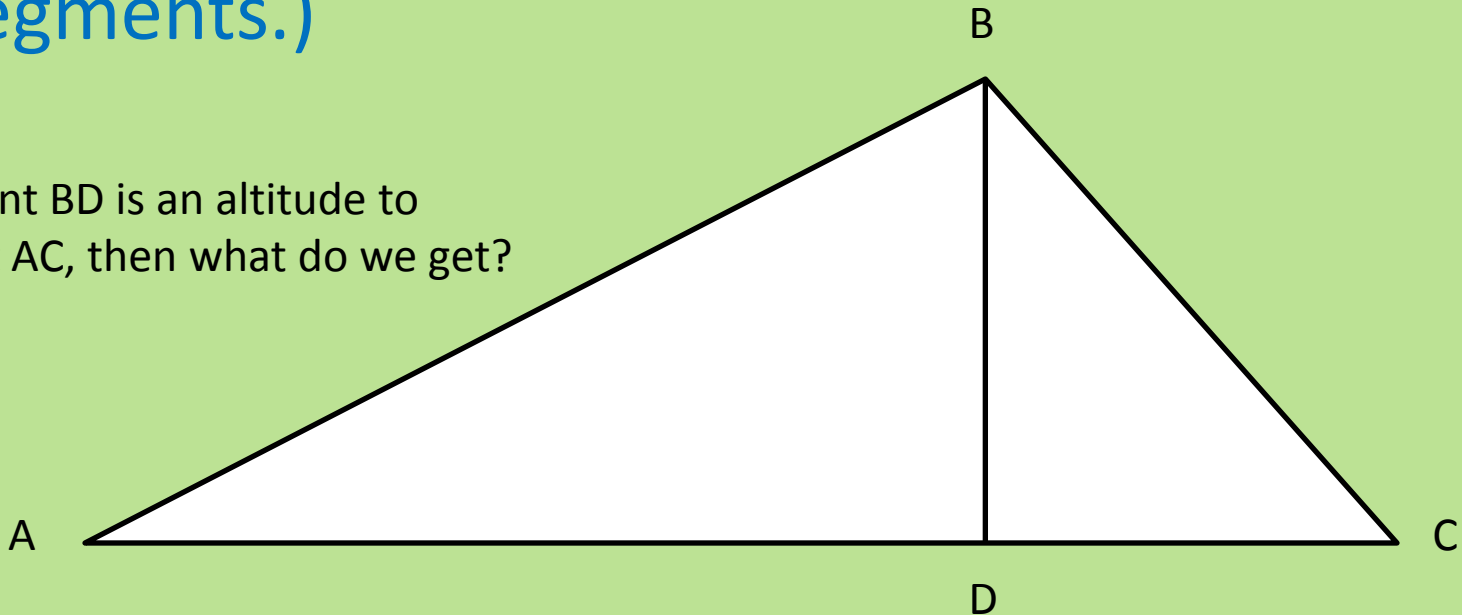
Find the **perimeter** of triangle ABC.

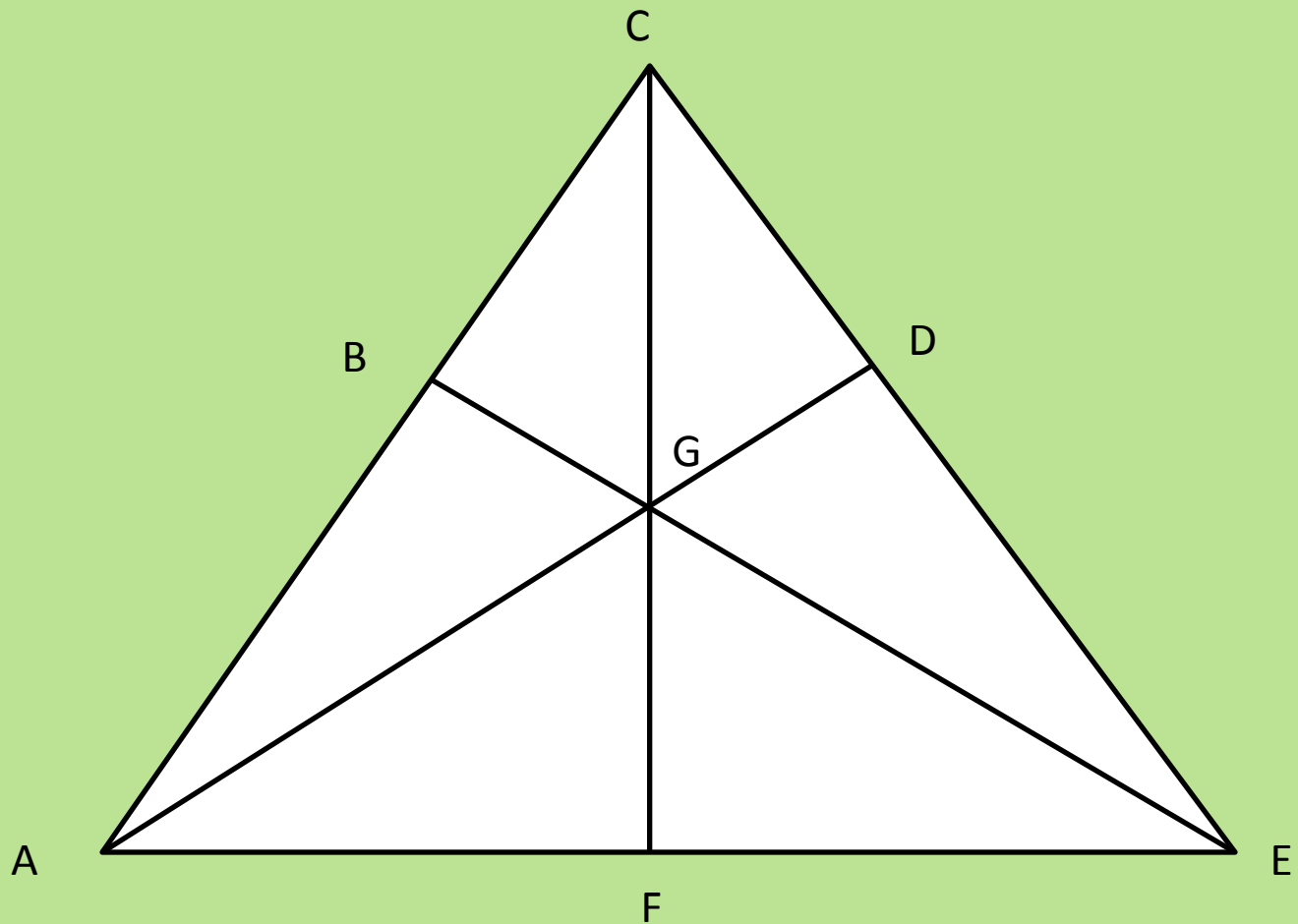
An altitude of a triangle is...

...a **segment** drawn from a **vertex** of the triangle that is **perpendicular** to the opposite side.

(An altitude makes right angles with the side to which it is drawn. There are NO congruent segments.)

If segment BD is an altitude to segment AC, then what do we get?





If G is the **orthocenter**, list all right angles