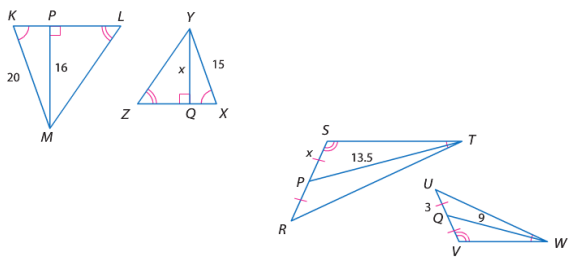


7 - 5**Parts of Similar Triangles****Special Segments**

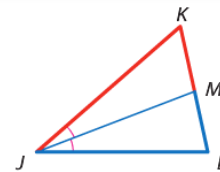
The following segments are always proportional in similar triangles. The scale factor of these segments is the SAME as the scale factor of any two sides.

- Altitudes
- Angle Bisectors
- Medians

SAMPLE:**TRIANGLE ANGLE BISECTOR**

An angle bisector in a triangle separates the opposite side into two segments that are proportional to the lengths of the other two sides.

$$\frac{KM}{LM} = \frac{KJ}{LJ}$$



SAMPLE

