Period:_____

LEVEL: EMERGING

Directions: Determine if the two triangles are similar. If they are, determine the linear scale factor and write a similarity statement.



LEVEL: PROFICIENT



8) $\Delta XYZ \sim \Delta MNP$. What is \overline{YZ} ?



7) $\triangle ABC \sim \triangle XYZ$. What is \overline{XY} ?

15) The lengths of the sides of a triangle have the ratio 2:6:7. If the perimeter of the triangle is 45 yards, what is the length of the smallest side?