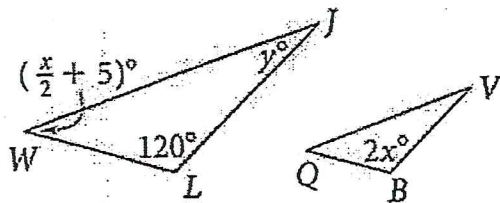


I can use similar figures properties to solve for a variable or missing angle.

Given the following calculate the value of x and y. Show complete work

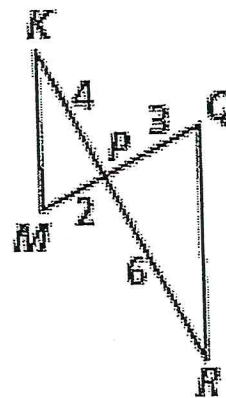
Find the values of the variables.



$\Delta WLJ \sim \Delta QBV$

I can prove similarity of two triangles using the triangle similarity postulates

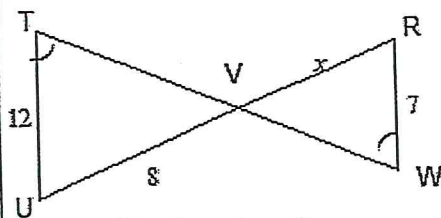
Postulate
Support



Similarity statement

I can prove similarity of two triangles using the triangle similarity postulates

Postulate
Support

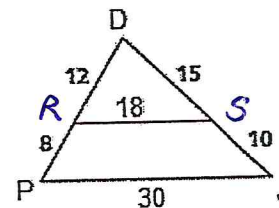


Not drawn to scale

Similarity
statement

I can prove similarity of two triangles using the triangle similarity postulates

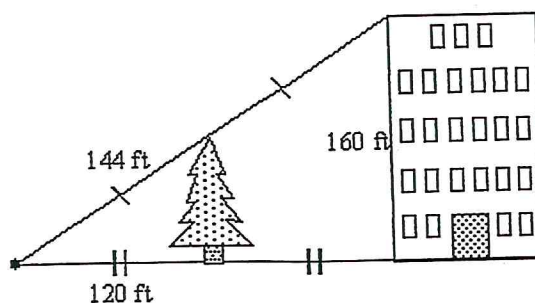
Postulate
Support



Similarity statement

Applications of similar triangles: I can use properties of similar triangles to determine indirect measures.

Use the information in the diagram to determine the height of the tree to the nearest foot.



Applications of similar triangles: I can use properties of similar triangles to determine missing sides

Find the value of x. Round your answer to the nearest thousandths.

