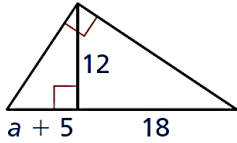


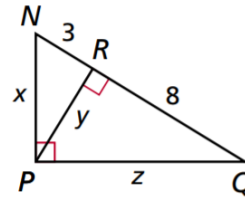
4.5.D2 - Similarity in Right Triangles

Use similar right triangle relationships and/or the Pythagorean Theorem to find the value of the variable(s). *If necessary, give the answer in simplest radical form.*

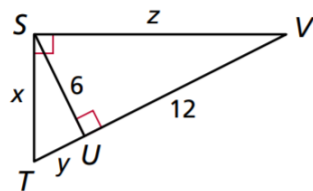
1.



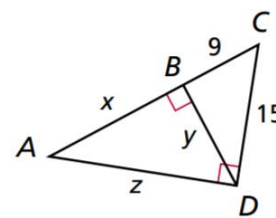
2.



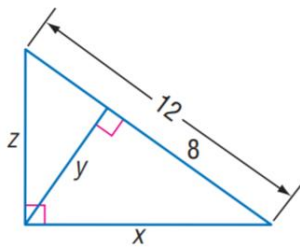
3.



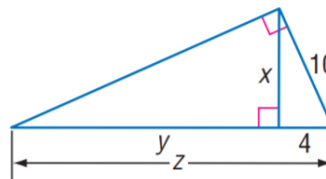
4.



5.



6.



7. Given $\triangle ABC$, with altitude \overline{BD} . What are the coordinates of point C?

