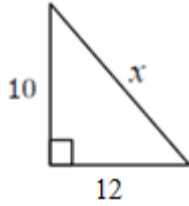
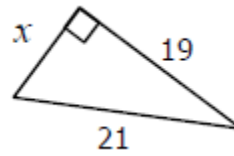


Directions: Find the value of x . Write your answer in simplest radical form.

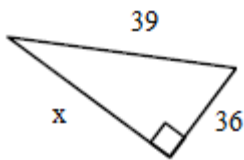
1.



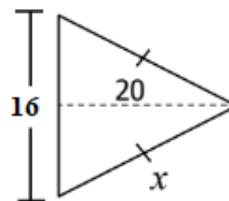
2.



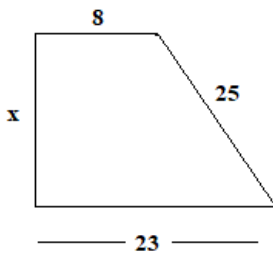
3.



4.



5.



5. Scott is using a 12 foot ramp to help load furniture into the back of a moving truck. If the back of the truck is 3.5 feet from the ground, what is the horizontal distance from where the ramp reaches the ground to the truck? (Draw a diagram!)

6. If the diagonal of a square is 11.3 meters, approximately what is the perimeter of the square? (Draw a diagram!)