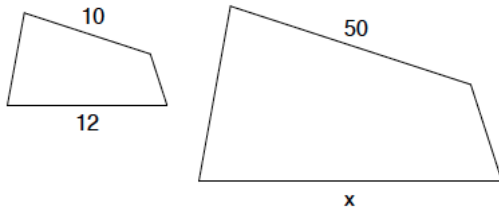
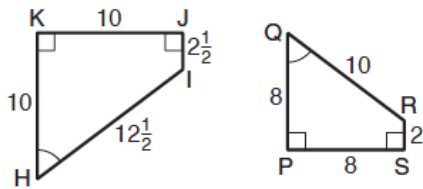


1. Write a proportion. Determine the value of x .



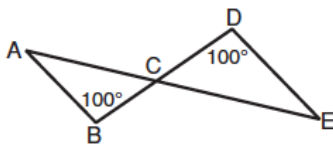
2. A photo shop makes prints of photographs in a variety of sizes. Every print has a length-to-width ratio of 5:3 regardless of its size. A customer wants a print that is 20 inches long. What is the width of this print?

3. Determine if the polygons are similar. If the polygons are similar, write the similarity statement and scale factor.

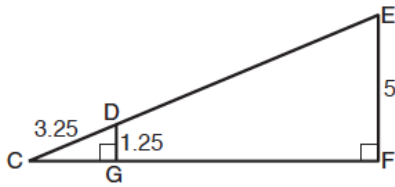


4. 2 scuba tanks cost \$132. What will 5 scuba tanks cost?

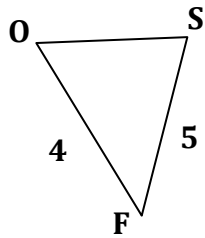
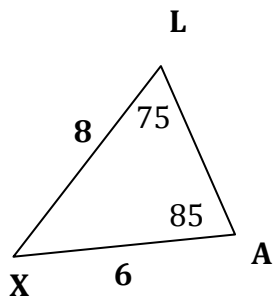
5. Are the triangles below similar? If so, explain why and write a similarity statement.



6. Determine the length of DE



7. Given $\triangle LAX \sim \triangle SFO$, find the missing angles and side lengths.



$m\angle X =$

$m\angle F =$

$m\angle O =$

AL =

$m\angle S =$

SO =

8. What is the similarity ratio of the triangles below?

