

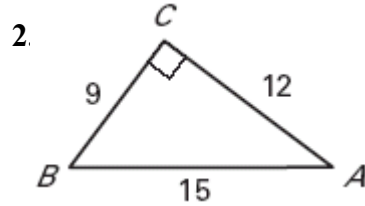
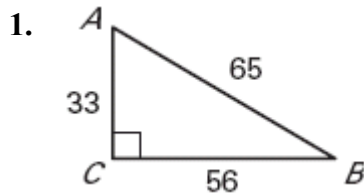
Name _____ Date _____

LESSON 7.5

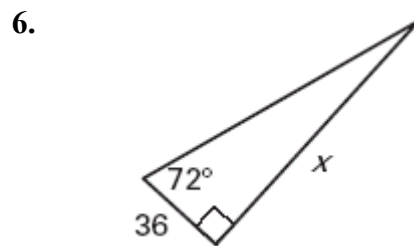
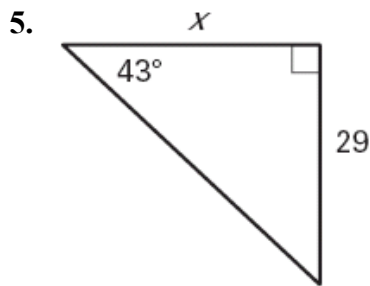
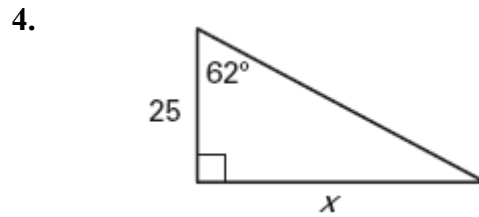
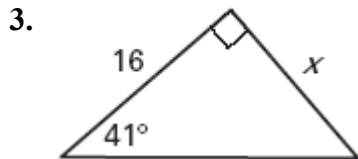
Practice B

For use with pages 466-472

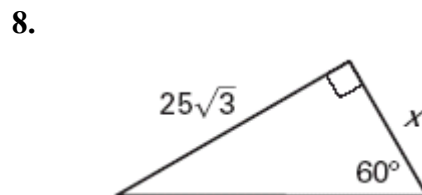
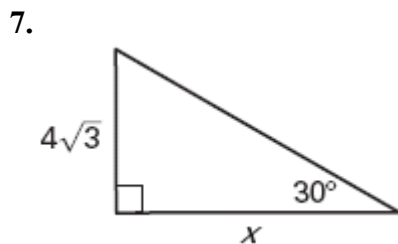
Find $\tan A$ and $\tan B$. Write each answer as a decimal rounded to four decimal places.



Find the value of x to the nearest tenth.



Find the value of x using the definition of tangent. Then find the value of x using the 45° - 45° - 90° Triangle Theorem or the 30° - 60° - 90° Triangle Theorem. Compare the results.



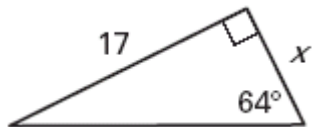
For acute $\angle A$ of a right triangle, find $\tan A$ by using the 45° - 45° - 90° Triangle Theorem or the 30° - 60° - 90° Triangle Theorem.

9. $m\angle A = 45^\circ$

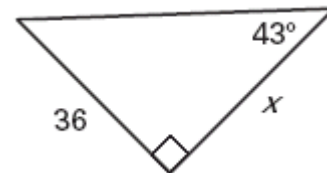
10. $m\angle A = 60^\circ$

Use a tangent ratio to find the value of x . Round to the nearest tenth.

11.

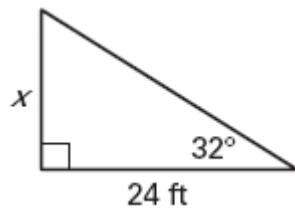


12.



Find the area of the triangle. Round your answer to the nearest tenth.

13.

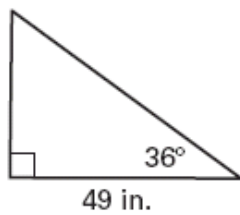


14.



Find the perimeter of the triangle. Round to the nearest tenth.

15.



16.

