

Name _____

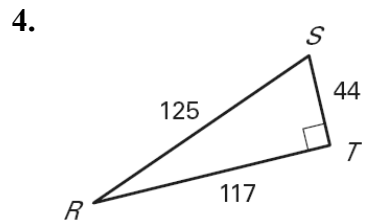
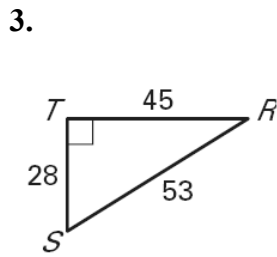
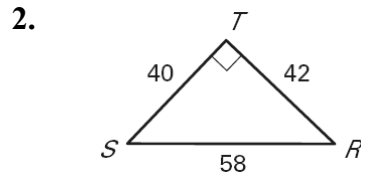
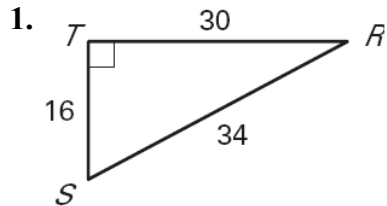
Date _____

LESSON 7.6

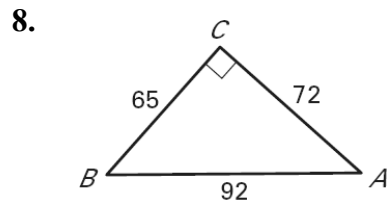
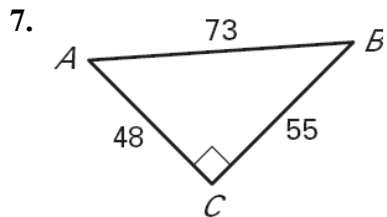
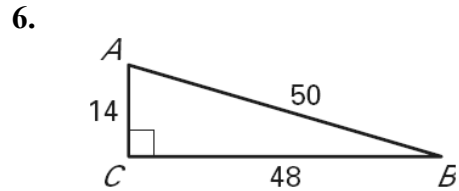
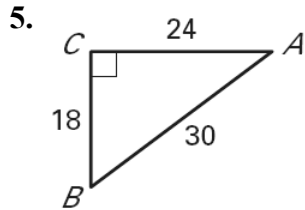
Practice B

For use with pages 473–480

Find $\sin R$ and $\sin S$. Write each answer as a fraction and as a decimal. Round to four decimal places, if necessary.

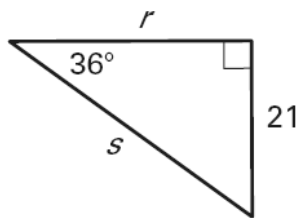


Find $\cos A$ and $\cos B$. Write each answer as a fraction and as a decimal. Round to four decimal places, if necessary.

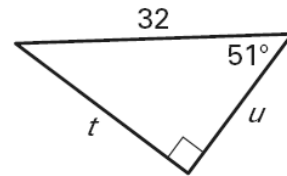


Use a cosine or sine ratio to find the value of each variable. Round decimals to the nearest tenth.

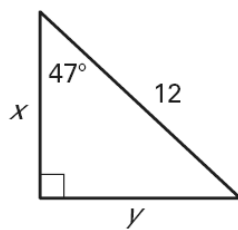
9.



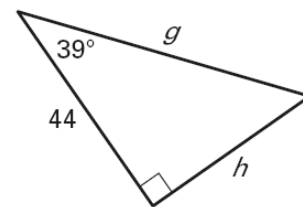
10.



11.



12.



Use the 45° - 45° - 90° Triangle Theorem or the 30° - 60° - 90° Triangle Theorem to find the sine and cosine of the angle.

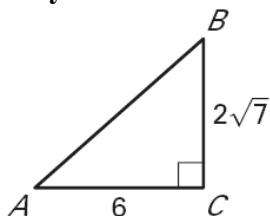
13. a 30° angle

14. a 45° angle

15. a 60° angle

Find the unknown side length. Then find $\sin A$ and $\cos A$. Write each answer as a fraction in simplest form and as a decimal. Round to four decimal places, if necessary.

16.



17.

