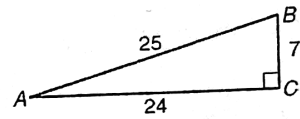


LESSON
8-2 **Practice**
Trigonometric Ratios

Use the figure for Exercises 1–6. Write each trigonometric ratio as a simplified fraction and as a decimal rounded to the nearest hundredth.



1. $\sin A$ _____
 2. $\cos B$ _____
 3. $\tan B$ _____
 4. $\sin B$ _____
 5. $\cos A$ _____
 6. $\tan A$ _____

Use special right triangles to write each trigonometric ratio as a simplified fraction.

7. $\sin 30^\circ$ _____
 8. $\cos 30^\circ$ _____
 9. $\tan 45^\circ$ _____
 10. $\tan 30^\circ$ _____
 11. $\cos 45^\circ$ _____
 12. $\tan 60^\circ$ _____

Use a calculator to find each trigonometric ratio. Round to the nearest hundredth.

13. $\sin 64^\circ$ _____
 14. $\cos 58^\circ$ _____
 15. $\tan 15^\circ$ _____

Find each length. Round to the nearest hundredth.

