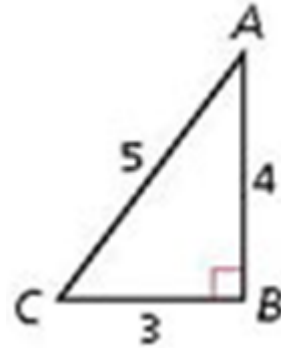**Write each trigonometric ratio as a fraction and as a decimal rounded to the nearest hundredth.**

3. $\sin C$

5. $\cos A$

7. $\tan C$

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

9. $\cos 60°$

11. $\sin 45°$

Use your calculator to find each trigonometric ratio. Round to the nearest hundredth.
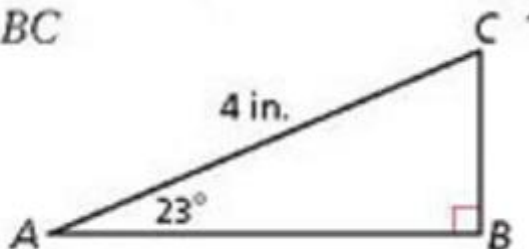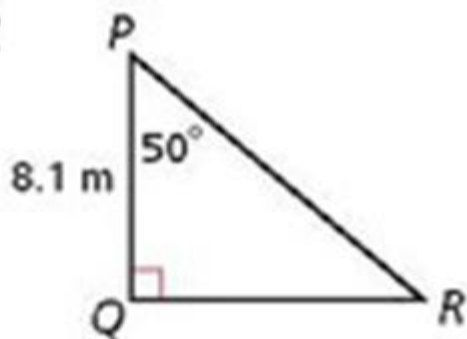
13. $\sin 23°$

15. $\cos 88°$

17. $\tan 9°$

Find each length. Round to the nearest hundredth.
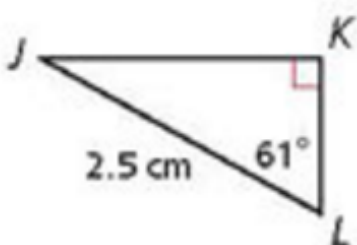
18. BC

19. QR

20. KL

21. Architecture A pediment has a pitch of 15°, as shown. If the width of the pediment, WZ, is 56 ft, what is XY to the nearest inch?

43. Sports A jump ramp for waterskiing makes an angle of 15° with the surface of the water. The ramp rises 1.58 m above the surface. What is the length of the ramp to the nearest hundredth of a meter?

48. Safety According to the Occupational Safety and Health Administration (OSHA), a ladder that is placed against a wall should make a 75.5° angle with the ground for optimal safety. To the nearest tenth of a foot, what is the maximum height that a 10-ft ladder can safely reach?

Find the indicated length in each rectangle. Round to the nearest tenth.

49. BC