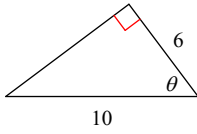
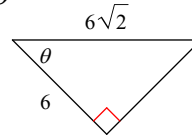


**Find the value of the trig function indicated.**

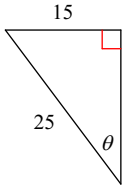
1)  $\cos \theta$



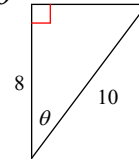
2)  $\tan \theta$



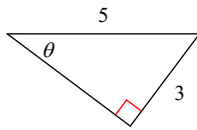
3)  $\sin \theta$



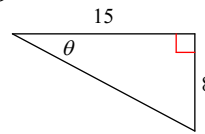
4)  $\sec \theta$



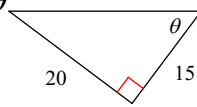
5)  $\cot \theta$



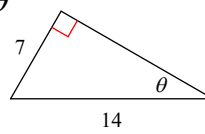
6)  $\tan \theta$



7)  $\csc \theta$

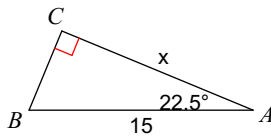


8)  $\sin \theta$

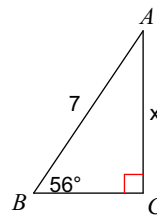


**Find the measure of each side indicated. Round to the nearest tenth.**

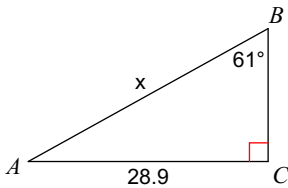
9)



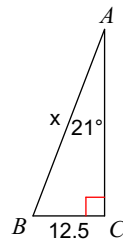
10)



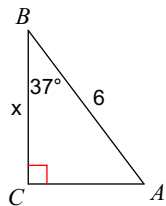
11)



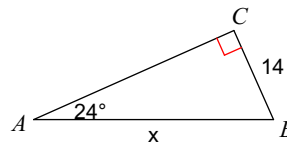
12)



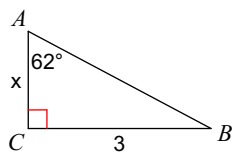
13)



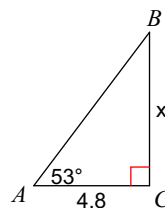
14)



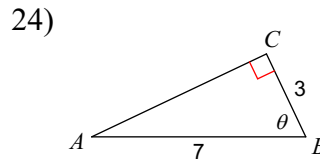
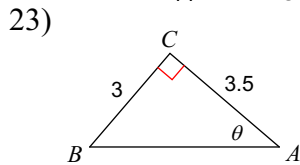
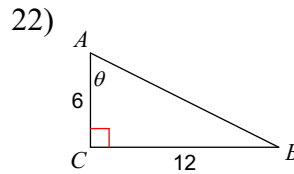
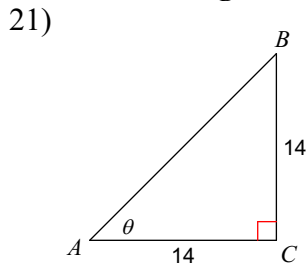
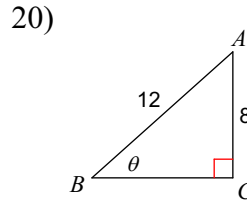
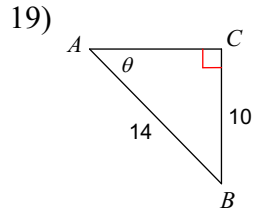
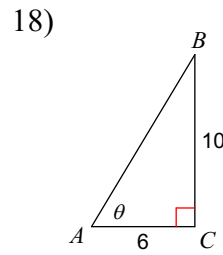
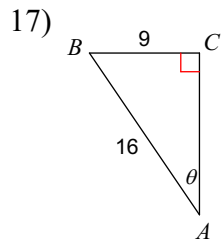
15)



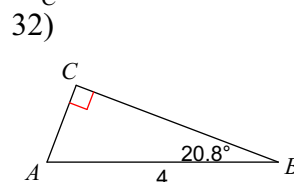
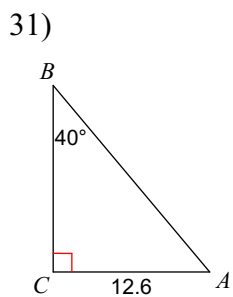
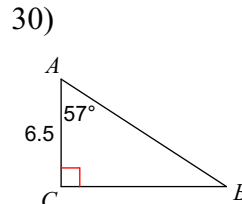
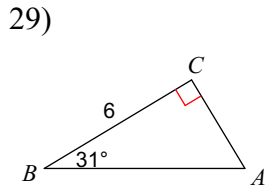
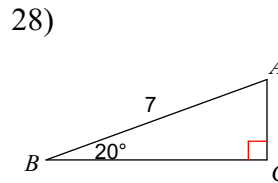
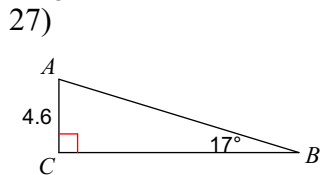
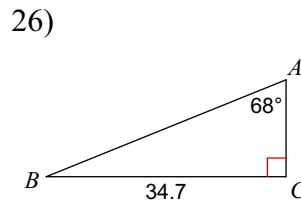
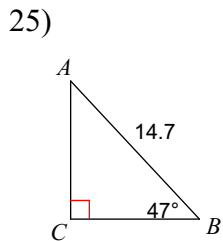
16)



Find the measure of each angle indicated. Round to the nearest tenth.



Solve each triangle. Round answers to the nearest tenth.



## Answers to (ID: 1)

- |  |  |  |                  |
|--|--|--|------------------|
| 1) $\frac{3}{5}$                                     | 2) 1   | 3) $\frac{3}{5}$                                     | 4) $\frac{5}{4}$ |
| 5) $\frac{4}{3}$                                     | 6) $\frac{8}{15}$                                  | 7) $\frac{5}{4}$                                     | 8) $\frac{1}{2}$ |
| 9) 13.9  | 10) 5.8  | 11) 33   | 12) 34.9         |
| 13) 4.8  | 14) 34.4   | 15) 1.6  | 16) 6.4          |
| 17) $34.2^\circ$                                     | 18) $59^\circ$                                     | 19) $45.6^\circ$                                     | 20) $41.8^\circ$ |
| 21) $45^\circ$                                       | 22) $63.4^\circ$                                   | 23) $40.6^\circ$                                     | 24) $64.6^\circ$ |
| 25) $m\angle A = 43^\circ$ , $a = 10$ , $b = 10.8$   |  | 26) $m\angle B = 22^\circ$ , $b = 14$ , $c = 37.4$   |                  |
| 27) $m\angle A = 73^\circ$ , $a = 14.9$ , $c = 15.6$ |  | 28) $m\angle A = 70^\circ$ , $b = 2.4$ , $a = 6.6$   |                  |
| 29) $m\angle A = 59^\circ$ , $b = 3.6$ , $c = 7$     | 30) $m\angle B = 33^\circ$ , $a = 10$ , $c = 11.9$ |  |                  |
| 31) $m\angle A = 50^\circ$ , $a = 15$ , $c = 19.6$   |  | 32) $m\angle A = 69.2^\circ$ , $b = 1.4$ , $a = 3.7$ |                  |