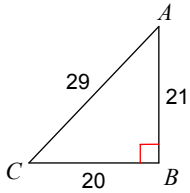


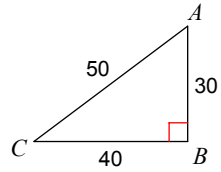
## Sine, Cosine, and Tangent Practice

Find the value of each trigonometric ratio. Express your answer as a fraction in lowest terms.

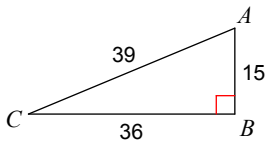
1)  $\sin C$



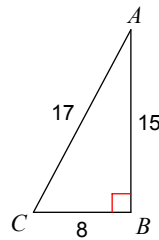
2)  $\sin C$



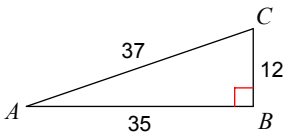
3)  $\cos C$



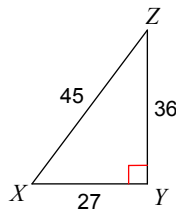
4)  $\cos C$



5)  $\tan A$



6)  $\tan X$



Find the value of each trigonometric ratio to the nearest ten-thousandth.

7)  $\sin 62^\circ$

8)  $\sin 14^\circ$

9)  $\cos 60^\circ$

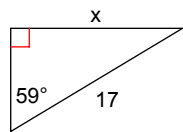
10)  $\cos 31^\circ$

11)  $\tan 79^\circ$

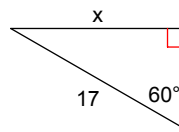
12)  $\tan 25^\circ$

Find the missing side. Round to the nearest tenth.

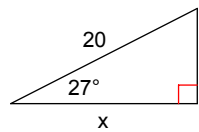
13)



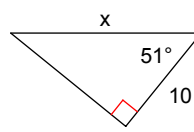
14)



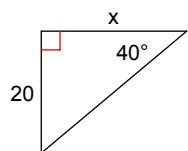
15)



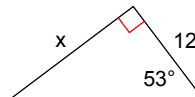
16)



17)

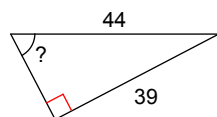


18)

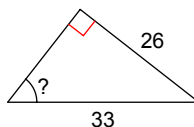


Find the measure of the indicated angle to the nearest degree.

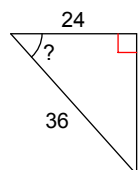
19)



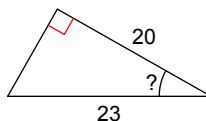
20)



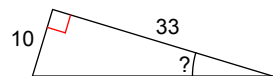
21)



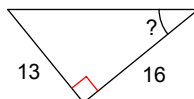
22)



23)



24)



Find each angle measure to the nearest degree.

25)  $\sin X = 0.7547$

26)  $\sin A = 0.4540$

27)  $\cos Y = 0.5736$

28)  $\cos B = 0.5000$

29)  $\tan B = 0.6249$

30)  $\tan C = 0.1405$