

Right Triangle Trigonometry - SOHCAHTOA

Find the value of each. Round your answers to the nearest ten-thousandth.

1) $\sin 30^\circ$

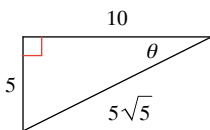
2) $\tan 50^\circ$

3) $\sin 60^\circ$

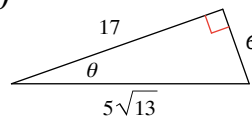
4) $\sin 10^\circ$

Find the value of the trig function indicated.

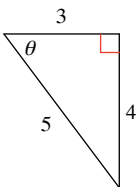
5) $\tan \theta$



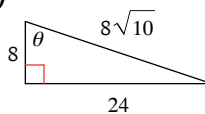
6) $\cos \theta$



7) $\sin \theta$



8) $\tan \theta$



Find each angle measure to the nearest degree.

9) $\tan V = 0.2493$

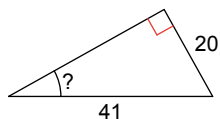
10) $\sin W = 0.9511$

11) $\cos Y = 0.6947$

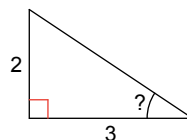
12) $\tan U = 28.6363$

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

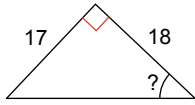
13)



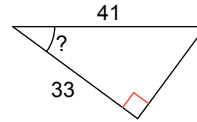
14)



15)

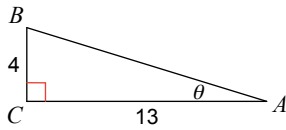


16)

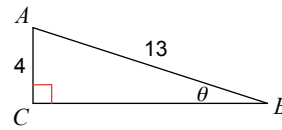


Find the measure of each angle indicated. Round to the nearest tenth.

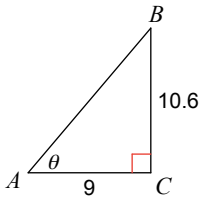
17)



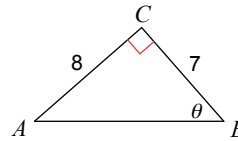
18)



19)

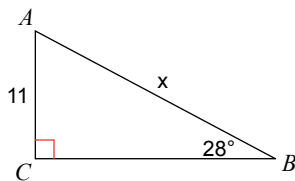


20)

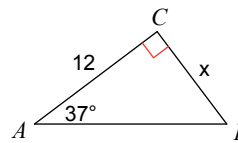


Find the measure of each side indicated. Round to the nearest tenth.

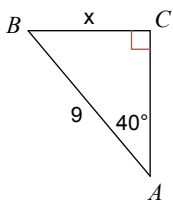
21)



22)



23)



24)

