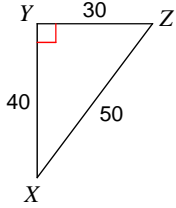


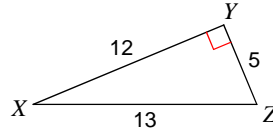
**FER #1--Solving Right Triangles**

**Find the value of each trigonometric ratio.**

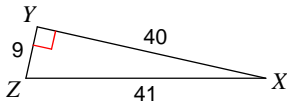
1)  $\cos Z$



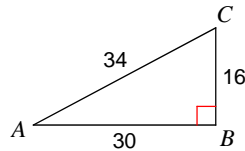
2)  $\cos X$



3)  $\cos Z$

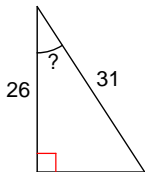


4)  $\cos A$

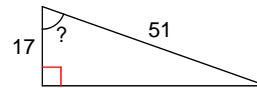


**Find the measure of the indicated angle to the nearest degree.**

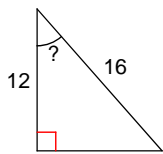
5)



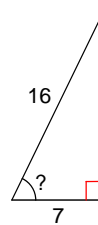
6)



7)

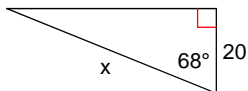


8)

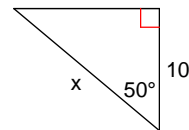


**Find the missing side. Round to the nearest tenth.**

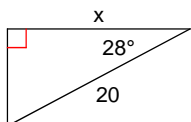
9)



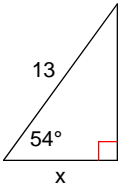
10)



11)

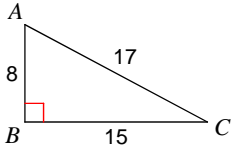


12)

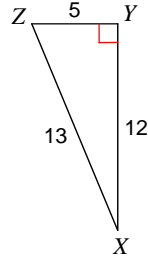


**Find the value of each trigonometric ratio.**

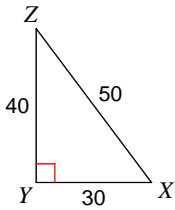
13)  $\sin C$



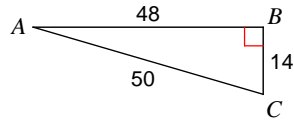
14)  $\sin Z$



15)  $\sin X$

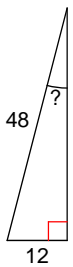


16)  $\sin C$

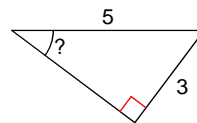


**Find the measure of the indicated angle to the nearest degree.**

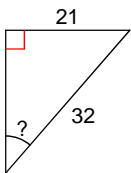
17)



18)



19)

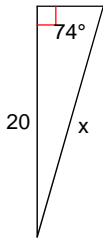


20)

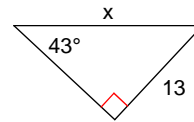


**Find the missing side. Round to the nearest tenth.**

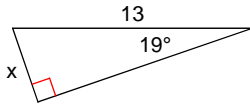
21)



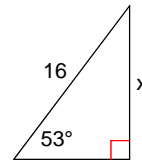
22)



23)

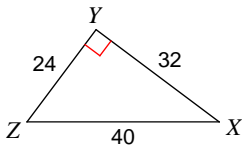


24)

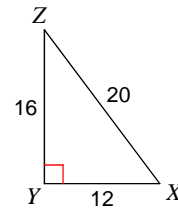


**Find the value of each trigonometric ratio.**

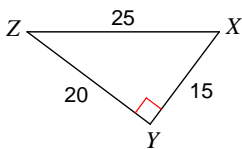
25)  $\tan Z$



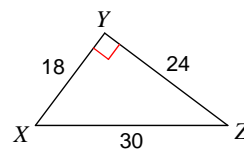
26)  $\tan X$



27)  $\tan Z$

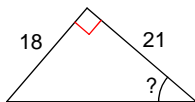


28)  $\tan Z$

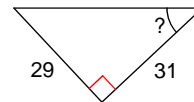


**Find the measure of the indicated angle to the nearest degree.**

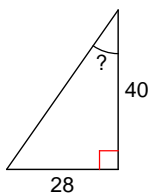
29)



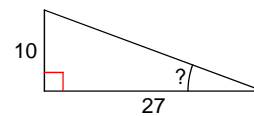
30)



31)



32)



Find the missing side. Round to the nearest tenth.

