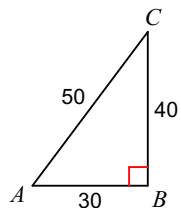


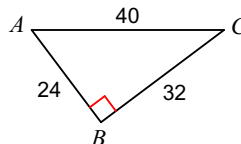
### 3-2 Trigonometric Ratios

**Circle the angle. Label O, H, A. Find the value of each trigonometric ratio.**

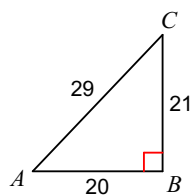
1)  $\sin A$



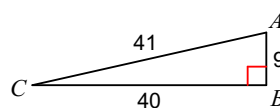
2)  $\sin C$



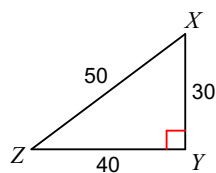
3)  $\sin C$



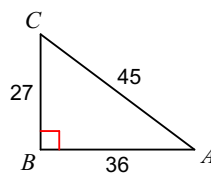
4)  $\sin C$



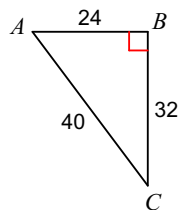
5)  $\cos Z$



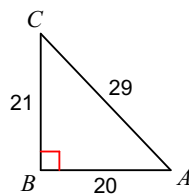
6)  $\cos A$



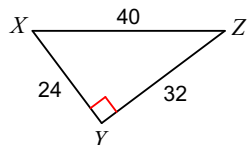
7)  $\cos A$



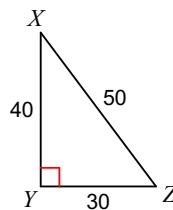
8)  $\cos A$



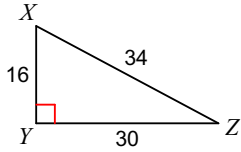
9)  $\tan X$



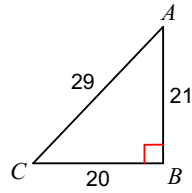
10)  $\tan Z$



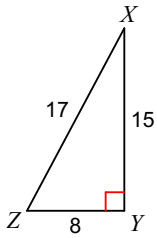
11)  $\tan X$



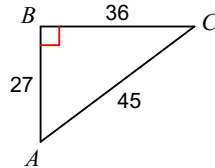
12)  $\tan C$



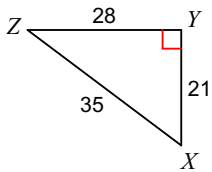
13)  $\cos Z$



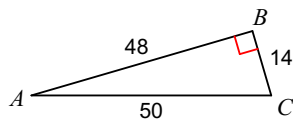
14)  $\sin C$



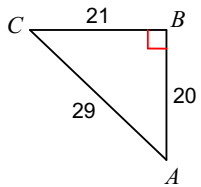
15)  $\sin X$



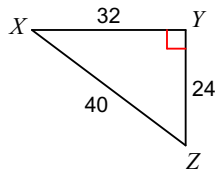
16)  $\tan C$



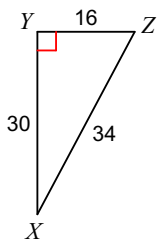
17)  $\sin C$



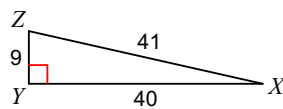
18)  $\sin Z$



19)  $\cos X$



20)  $\cos Z$



**Find the value of each trigonometric ratio to the nearest ten-thousandth. Use a calculator.**

21)  $\cos 15^\circ$

22)  $\cos 6^\circ$

23)  $\cos 74^\circ$

24)  $\tan 29^\circ$