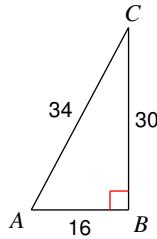


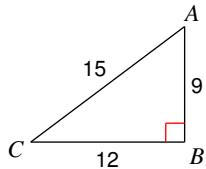
## Finding Trigonometric Ratios

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

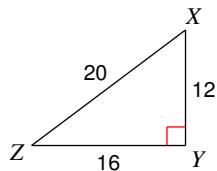
1)  $\tan A$



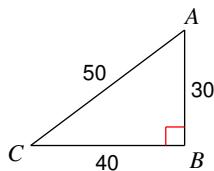
2)  $\cos C$



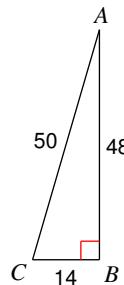
3)  $\sin Z$



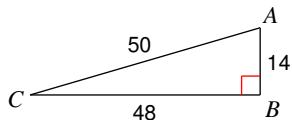
4)  $\sin C$



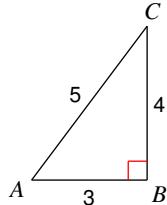
5)  $\sin C$



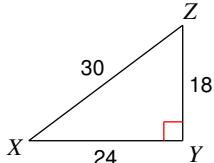
6)  $\sin C$



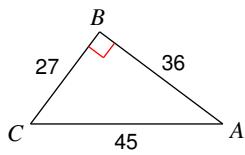
7)  $\cos A$



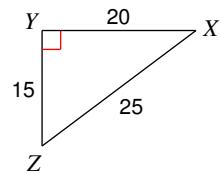
8)  $\cos X$



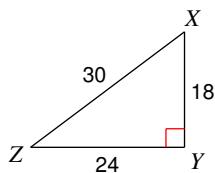
9)  $\cos A$



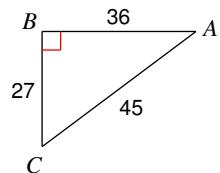
10)  $\cos Z$



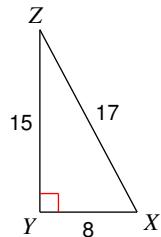
11)  $\sin Z$



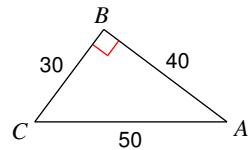
12)  $\sin C$



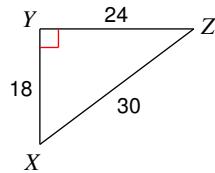
13)  $\cos X$



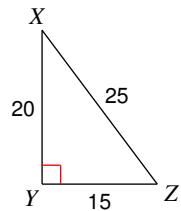
14)  $\tan A$



15)  $\tan X$



16)  $\tan X$



**Use a calculator to find the value of each to the nearest ten-thousandth.**

17)  $\sin 21^\circ$

18)  $\tan 22^\circ$

19)  $\cos 20^\circ$

20)  $\sin 77^\circ$

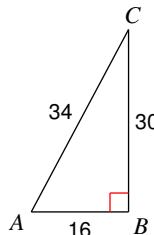
21)  $\tan 17^\circ$

22)  $\cos 87^\circ$

## Finding Trigonometric Ratios

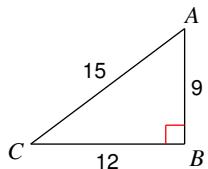
**Find the value of each trigonometric ratio to the nearest ten-thousandth.**

1)  $\tan A$



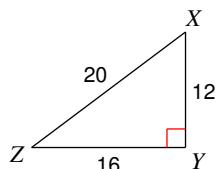
1.8750

2)  $\cos C$



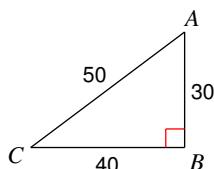
0.8000

3)  $\sin Z$



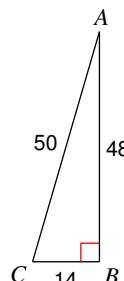
0.6000

4)  $\sin C$



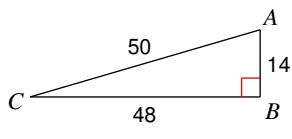
0.6000

5)  $\sin C$



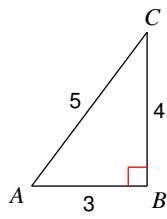
0.9600

6)  $\sin C$



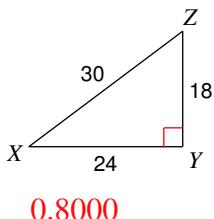
0.2800

7)  $\cos A$



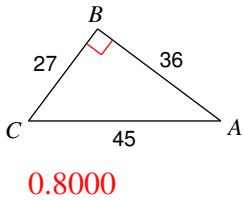
0.6000

8)  $\cos X$



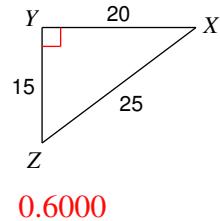
0.8000

9)  $\cos A$



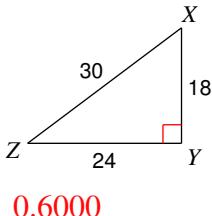
0.8000

10)  $\cos Z$



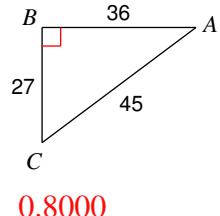
0.6000

11)  $\sin Z$



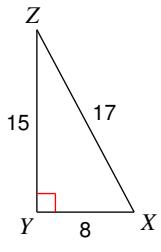
0.6000

12)  $\sin C$



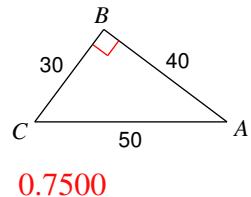
0.8000

13)  $\cos X$



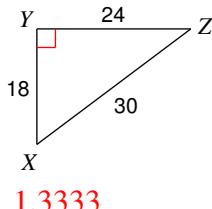
0.4706

14)  $\tan A$



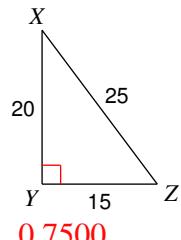
0.7500

15)  $\tan X$



1.3333

16)  $\tan X$



0.7500

**Use a calculator to find the value of each to the nearest ten-thousandth.**

17)  $\sin 21^\circ$

0.3584

18)  $\tan 22^\circ$

0.4040

19)  $\cos 20^\circ$

0.9397

20)  $\sin 77^\circ$

0.9744

21)  $\tan 17^\circ$

0.3057

22)  $\cos 87^\circ$

0.0523

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