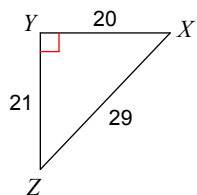


Practice for Q4Week3 - Trig. - Ref. Ch. 11-7

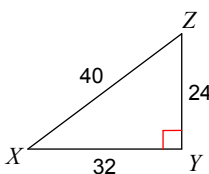
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**Find the value of each trigonometric ratio to the nearest ten-thousandth.**

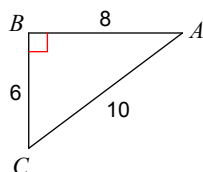
1)  $\sin Z$



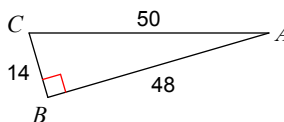
2)  $\sin X$



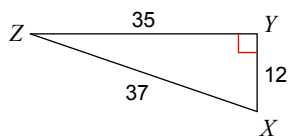
3)  $\sin C$



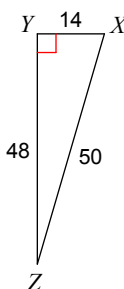
4)  $\sin C$



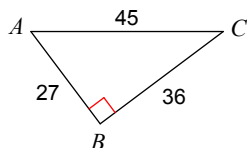
5)  $\cos X$



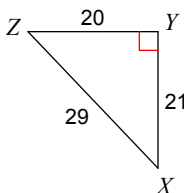
6)  $\cos X$



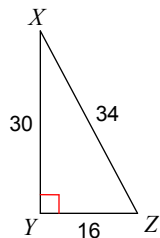
7)  $\cos C$



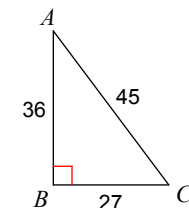
8)  $\cos Z$



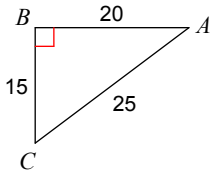
9)  $\tan Z$



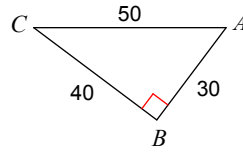
10)  $\tan A$



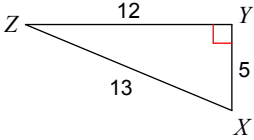
11)  $\tan C$



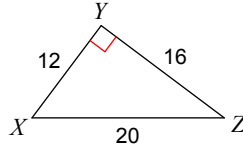
12)  $\tan C$



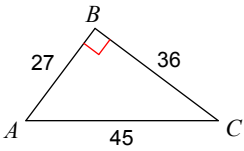
13)  $\tan X$



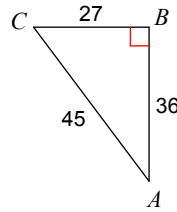
14)  $\tan Z$



15)  $\tan A$



16)  $\tan A$



**Find each angle measure to the nearest degree.**

17)  $\cos W = 0.9877$

18)  $\tan A = 0.1944$

19)  $\tan W = 1.1504$

20)  $\tan W = 28.6363$

21)  $\tan V = 0.5317$

22)  $\sin V = 0.7071$

23)  $\sin U = 0.8192$

24)  $\sin V = 0.8387$

25)  $\sin U = 0.9272$

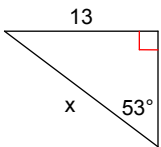
26)  $\cos U = 0.2079$

27)  $\cos Z = 0.1564$

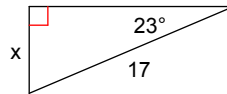
28)  $\cos Z = 1.0000$

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

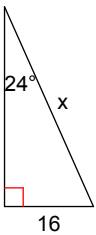
29)



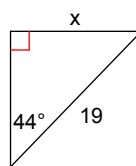
30)



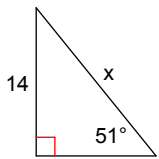
31)



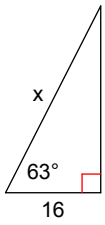
32)



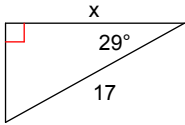
33)



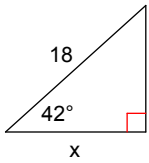
35)



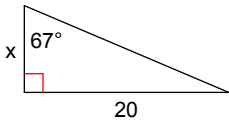
37)



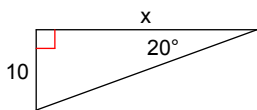
39)



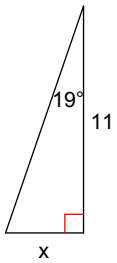
41)



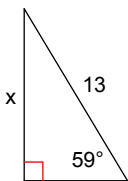
43)



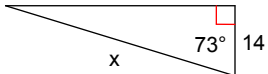
45)



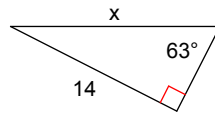
47)



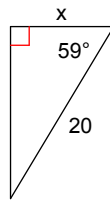
49)



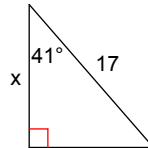
34)



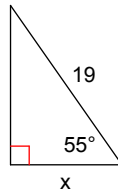
36)



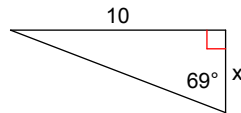
38)



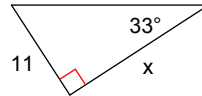
40)



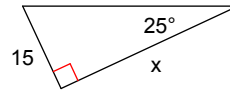
42)



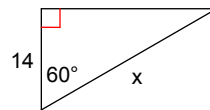
44)



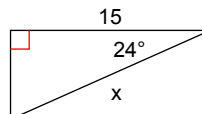
46)



48)



50)



# Answers to Practice for Q4Week3 - Trig. - Ref. Ch. 11-7 (ID: 11)

- |                |                |                |                |
|----------------|----------------|----------------|----------------|
| 1) 0.6897      | 2) 0.6000      | 3) 0.8000      | 4) 0.9600      |
| 5) 0.3243      | 6) 0.2800      | 7) 0.8000      | 8) 0.6897      |
| 9) 1.8750      | 10) 0.7500     | 11) 1.3333     | 12) 0.7500     |
| 13) 2.4000     | 14) 0.7500     | 15) 1.3333     | 16) 0.7500     |
| 17) $9^\circ$  | 18) $11^\circ$ | 19) $49^\circ$ | 20) $88^\circ$ |
| 21) $28^\circ$ | 22) $45^\circ$ | 23) $55^\circ$ | 24) $57^\circ$ |
| 25) $68^\circ$ | 26) $78^\circ$ | 27) $81^\circ$ | 28) $0^\circ$  |
| 29) 16.3       | 30) 6.6        | 31) 39.3       | 32) 13.2       |
| 33) 18.0       | 34) 15.7       | 35) 35.2       | 36) 10.3       |
| 37) 14.9       | 38) 12.8       | 39) 13.4       | 40) 10.9       |
| 41) 8.5        | 42) 3.8        | 43) 27.5       | 44) 16.9       |
| 45) 3.8        | 46) 32.2       | 47) 11.1       | 48) 28.0       |
| 49) 47.9       | 50) 16.4       |                |                |