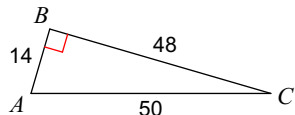


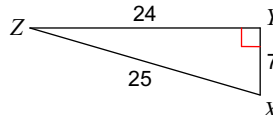
Geometry - Homework 6 - Spring

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

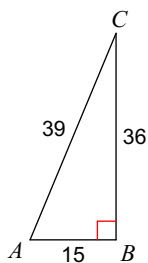
1) $\tan C$



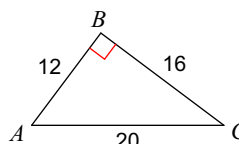
2) $\sin Z$



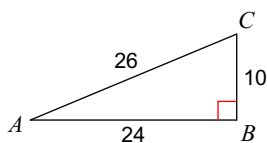
3) $\sin C$



4) $\sin A$

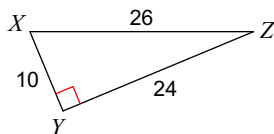


5) $\cos C$

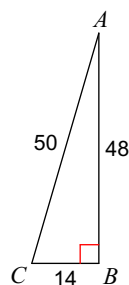


Find the value of each trigonometric ratio.

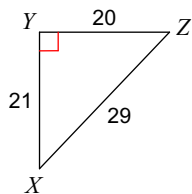
6) $\sin X$



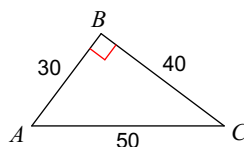
7) $\sin C$



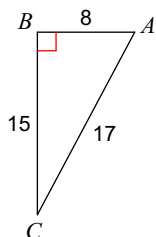
8) $\sin Z$



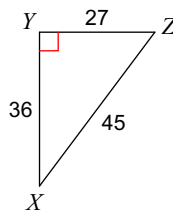
9) $\sin C$



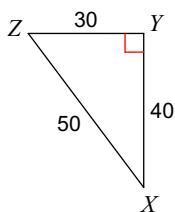
10) $\sin A$



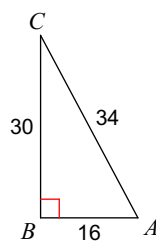
11) $\tan Z$



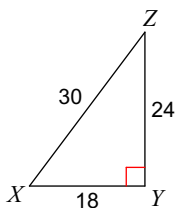
12) $\cos X$



13) $\tan C$



14) $\cos Z$



15) $\cos X$



Find each angle measure to the nearest degree.

16) $\cos W = 0.6018$

17) $\sin V = 0.8988$

18) $\tan B = 0.7265$

19) $\sin A = 0.9397$

20) $\sin X = 0.4067$

21) $\tan Z = 0.1228$

22) $\sin A = 0.8192$

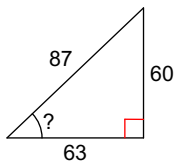
23) $\cos Z = 0.7547$

24) $\cos X = 0.2079$

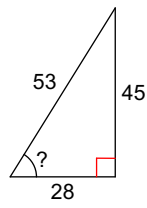
25) $\cos U = 0.9397$

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

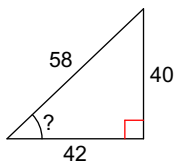
26)



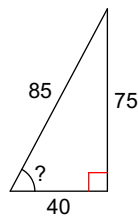
27)



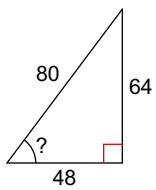
28)



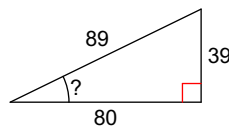
29)



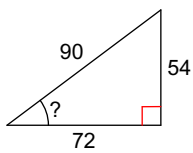
30)



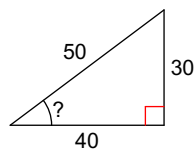
31)



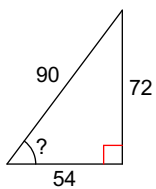
32)



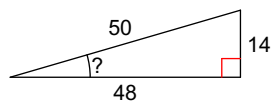
33)



34)



35)



Answers to Geometry - Homework 6 - Spring

1) 0.2917

3) 0.3846

5) 0.3846

7) $\frac{24}{25}$

9) $\frac{3}{5}$

11) $\frac{4}{3}$

13) $\frac{8}{15}$

15) $\frac{40}{41}$

17) 64°

19) 70°

21) 7°

23) 41°

25) 20°

27) 58°

29) 62°

31) 26°

33) 37°

35) 16°