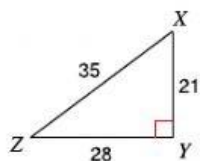
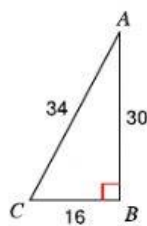
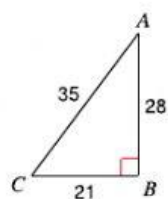
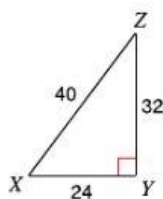
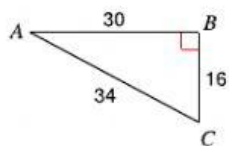
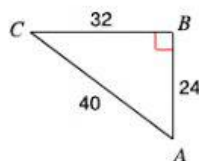
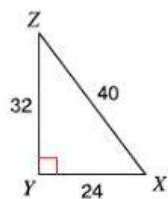
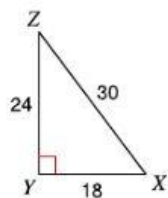
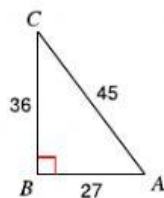


Trigonometric Ratios

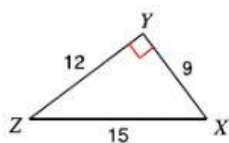
Date _____ Period _____

Find the value of each trigonometric ratio.

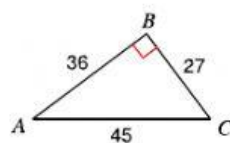
1) $\tan Z$ 2) $\cos C$ 3) $\sin C$ 4) $\tan X$ 5) $\cos A$ 6) $\sin A$ 7) $\sin Z$ 8) $\sin C$ 9) $\cos Z$ 10) $\tan C$ 

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

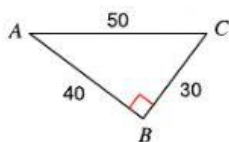
11) $\cos Z$



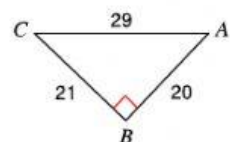
12) $\cos C$



13) $\tan C$



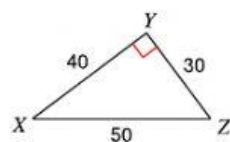
14) $\tan A$



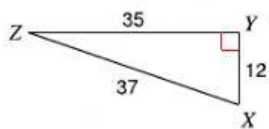
15) $\tan C$



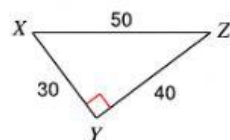
16) $\tan X$



17) $\sin Z$



18) $\sin Z$



19) $\sin 48^\circ$

20) $\sin 38^\circ$

21) $\cos 61^\circ$

22) $\cos 51^\circ$

Critical thinking questions:

23) Can the sine of an angle ever equal 2?
Why or why not?

24) $\sin x = \frac{1}{3}$
Find $\cos x$.