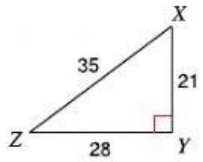
Name_____

Trigonometric Ratios

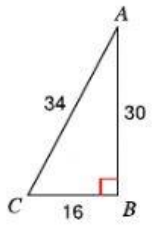
Date_____ Period____

Find the value of each trigonometric ratio.

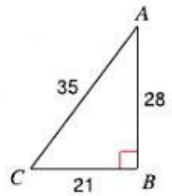
1) tan Z



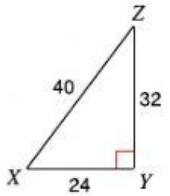
2) cos C



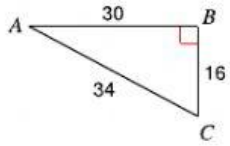
3) sin C



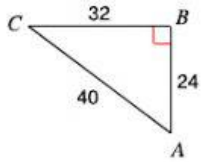
4) tan X



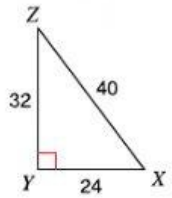
5) cos A



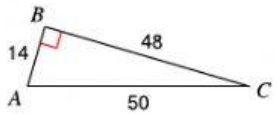
6) sin A



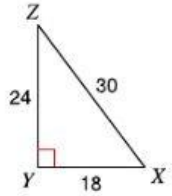
7) sin Z



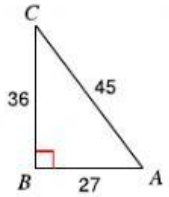
8) sin C



9) cos Z



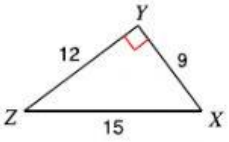
10) tan C



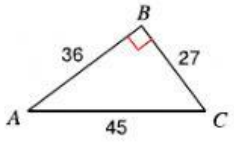
LIVEWORKSHEETS

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

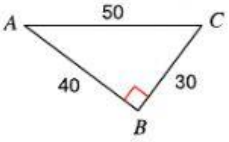
11) cos Z



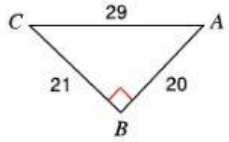
12) cos C



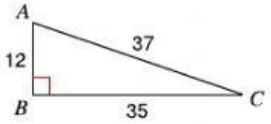
13) tan C



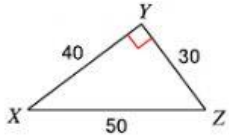
14) tan A



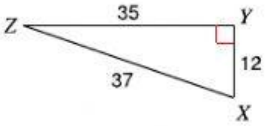
15) tan C



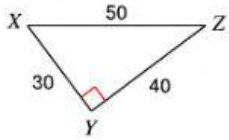
16) tan X



17) sin Z



18) sin Z



19) sin 48°

20) sin 38°

21) cos 61°

22) cos 51°

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.

LIVEWORKSHEETS