

Geometry

© 2016 Kuta Software LLC. All rights reserved.

Name _____

HW 12/9

Date _____ Period _____

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

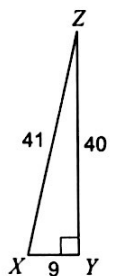
1) $\cos 82^\circ = 0.1392$

2) $\tan 0^\circ = 0$

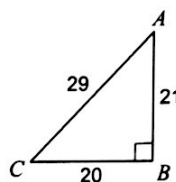
3) $\sin 22^\circ = 0.3746$

Find the value of each trigonometric ratio.

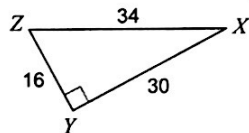
4) $\cos X = \frac{9}{41}$



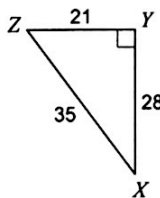
5) $\tan C = \frac{21}{20}$



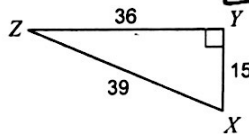
6) $\tan Z = \frac{30}{16} = \frac{15}{8}$



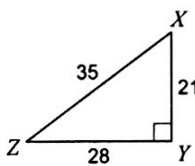
7) $\sin X = \frac{21}{35} = \frac{3}{5}$



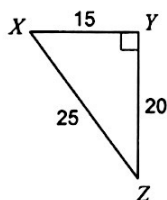
8) $\tan X = \frac{36}{15} = \frac{12}{5}$



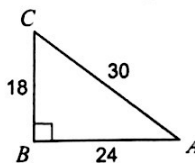
9) $\tan Z = \frac{21}{28} = \frac{3}{4}$



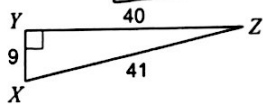
10) $\tan X = \frac{20}{15} = \frac{4}{3}$



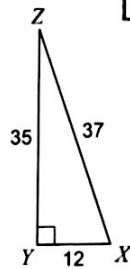
11) $\sin A = \frac{18}{30} = \frac{3}{5}$



$$12) \tan Z = \frac{9}{40}$$



$$13) \cos Z = \frac{35}{37}$$



$$14) \tan Z = \frac{18}{24} = \frac{3}{4}$$

