

Trig Ratios

Quiz 9.1

Name _____

What word do the following Greek letters and trig abbreviations stand for?

#1) α =

#2) β =

#3) γ =

#4) θ =

#5) sin =

#6) cos =

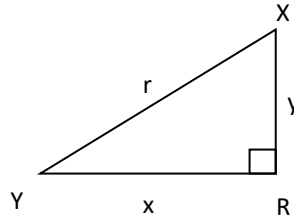
#7) tan =

Given the following right triangle, complete the ratio that each trig function represents.

#8) $\sin(m\angle Y) = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

#9) $\cos(m\angle Y) = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

#10) $\tan(m\angle Y) = \frac{\quad}{\quad} = \frac{\quad}{\quad}$



#11) Write down the acronym that helps students remember the trig ratios _____

Trig Ratios

Quiz 9.1

Name _____

What word do the following Greek letters and trig abbreviations stand for?

#1) α = *Alpha*

#2) β = *Beta*

#3) γ = *Gamma*

#4) θ = *Theta*

#5) sin = *Sine*

#6) cos = *Cosine*

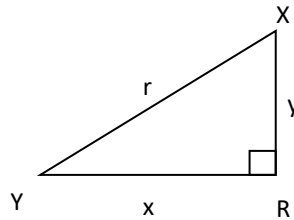
#7) tan = *tangent*

Given the following right triangle, complete the ratio that each trig function represents.

#8) $\sin(m\angle Y) = \frac{\text{opposite leg}}{\text{hypotenuse}} = \frac{y}{r}$

#9) $\cos(m\angle Y) = \frac{\text{adjacent leg}}{\text{hypotenuse}} = \frac{x}{r}$

#10) $\tan(m\angle Y) = \frac{\text{opposite leg}}{\text{adjacent leg}} = \frac{y}{x}$



#11) Write down the acronym that helps students remember the trig ratios *SOH-CAH-TOA*