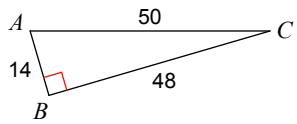


## 11.1 Trig Ratios and Sine

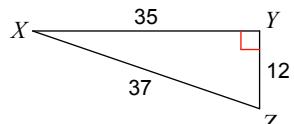
Date \_\_\_\_\_ Period \_\_\_\_\_

**Find the value of each trigonometric ratio.**

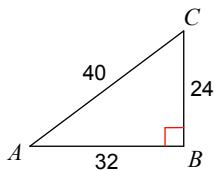
1)  $\cos A$



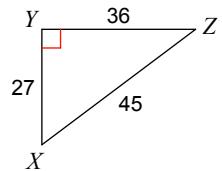
2)  $\cos X$



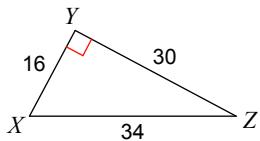
3)  $\cos A$



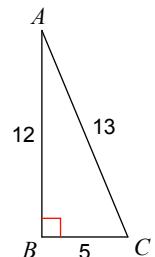
4)  $\tan X$



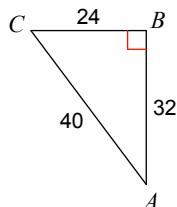
5)  $\tan X$



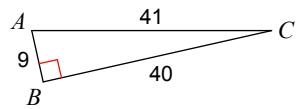
6)  $\cos A$



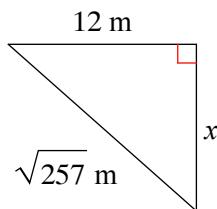
7)  $\tan C$



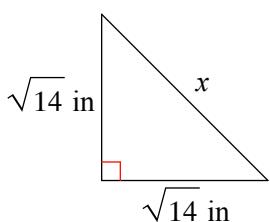
8)  $\cos A$

**Find the missing side of each triangle. Leave your answers in simplest radical form.**

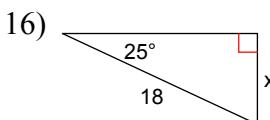
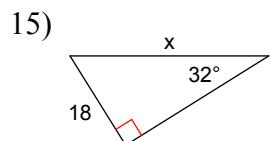
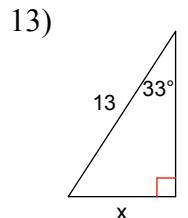
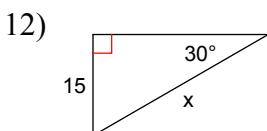
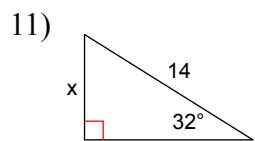
9)



10)



**Find the missing side. Round to the nearest hundredth.**



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

