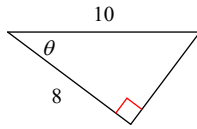


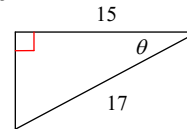
Day 1 Homework

Find the value of each trigonometric ratio. Remember to reduce your fractions!!!

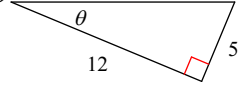
1)  $\tan \theta$



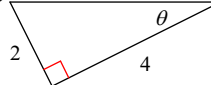
2)  $\cos \theta$



3)  $\cos \theta$

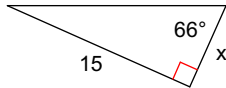


4)  $\sin \theta$

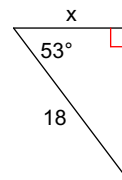


Find the missing side. Give both an EXACT & APPROXIMATE (tenths place) answer. Show your work.

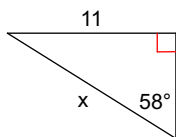
5)



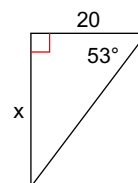
6)



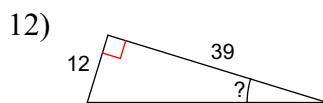
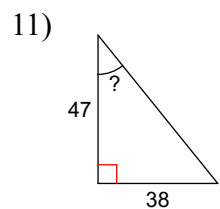
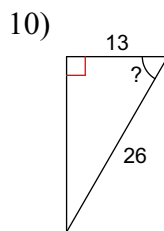
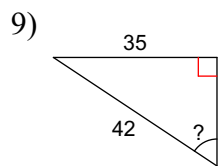
7)



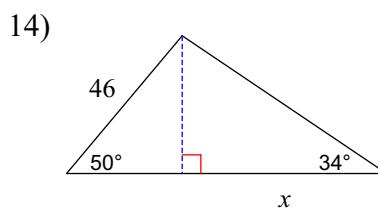
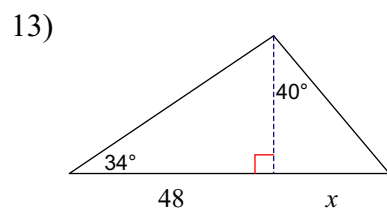
8)



Find the measure of the indicated angle. Give both an EXACT & APPROXIMATE (nearest degree) answer. Show your work.



Find the length of the side labeled  $x$ . Round your final answer to the nearest tenth. Show your work.



Find the value of the trig function indicated.

15) Find  $\tan \theta$  if  $\cos \theta = \frac{4}{5}$

16) Find  $\tan \theta$  if  $\cos \theta = \frac{15}{17}$

17) Find  $\tan \theta$  if  $\sin \theta = \frac{1}{2}$

18) Find  $\tan \theta$  if  $\sin \theta = \frac{4}{5}$