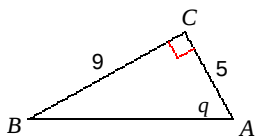


Q2 HW2 - All work on looseleaf.

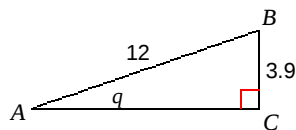
Date_____ Period_____

Find the measure of each angle indicated. Round to the nearest tenth.

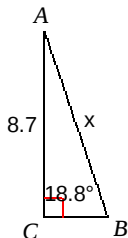
1)



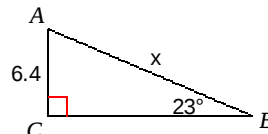
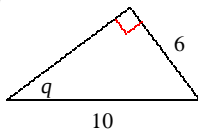
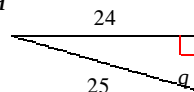
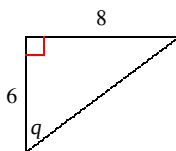
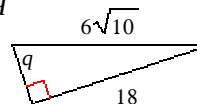
2)

**Find the measure of each side indicated. Round to the nearest tenth.**

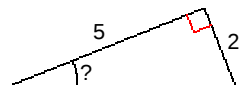
3)



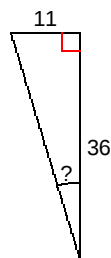
4)

**Find the value of the trig function indicated.**5) $\sin q$ 6) $\cos q$ 7) $\sin q$ 8) $\cos q$ 9) Find $\cos q$ if $\tan q = 1$ 10) Find $\tan q$ if $\sin q = \frac{4}{5}$ **Find the measure of the indicated angle to the nearest degree.**

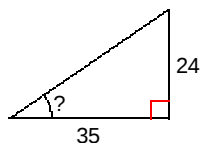
11)



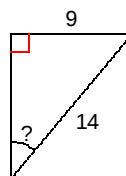
12)



13)

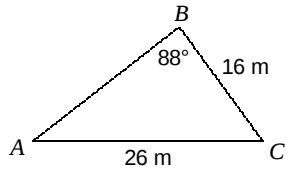


14)

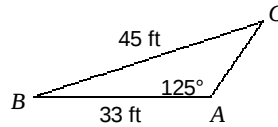


Find each measurement indicated. Round your answers to the nearest tenth. Hint: use the Law of Sines.

15) Find $m\angle A$

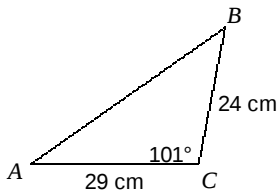


16) Find $m\angle C$

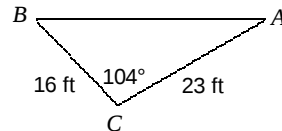


Solve each triangle. Round your answers to the nearest tenth. Hint: use the Law of Cosines.

17)

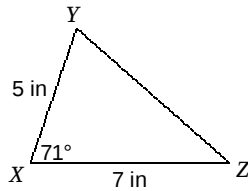


18)

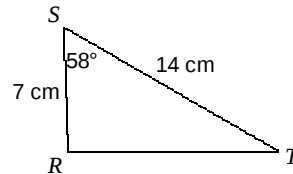


Find the area of each triangle to the nearest tenth.

19)

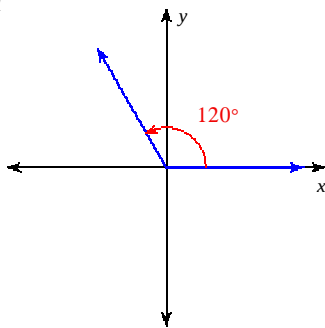


20)

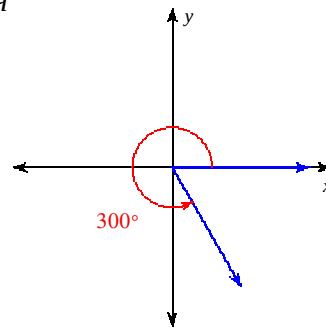


Find the exact value of each trigonometric function.

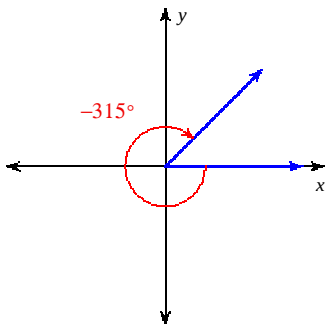
21) $\cos q$



22) $\tan q$



23) $\tan q$



24) $\tan q$

