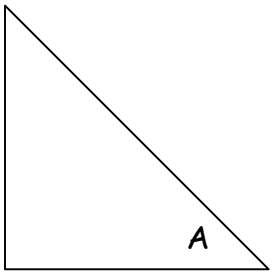
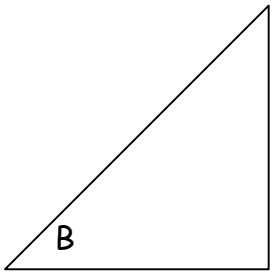
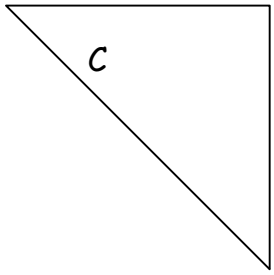
Date _____ Name _____

Worksheet#1 - Tan Ratio Name: _____

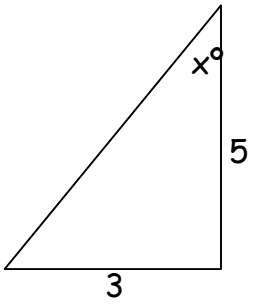
1. Label the sides of these triangles with O, A and H.

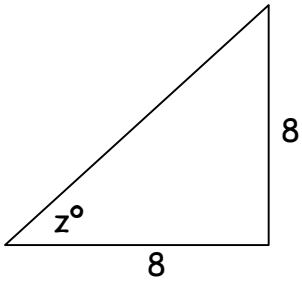


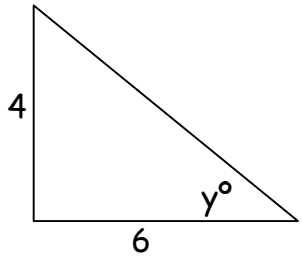


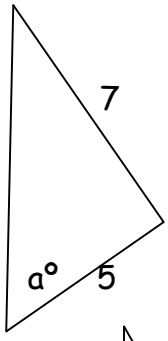


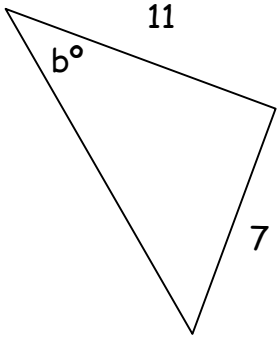
2. On a separate piece of paper, calculate the angle (x,z,y,a…) in each of the right angled triangles. Give your answer to 1 decimal place.

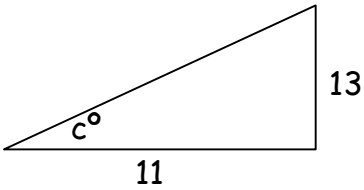


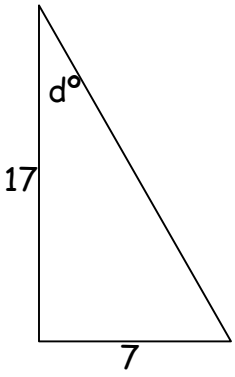




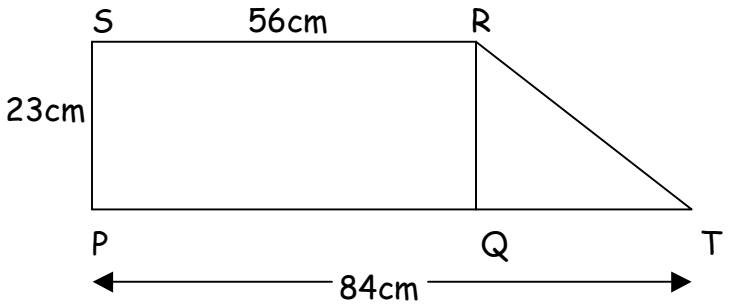








3,

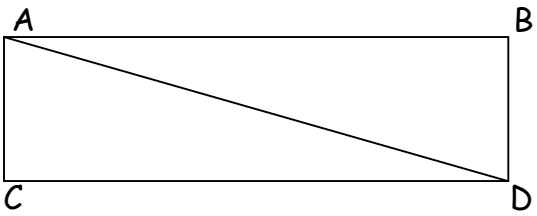


The figure shows a right angled triangle RQT joined to a rectangle PQRS.
PT = 84cm, SR = 56cm, SP = 23cm.

a) Write down the length of QT

b) Calculate the angle QRT

5.



ABCD is a rectangular sheet of paper
AC = 10cm, and AB = 22cm
Calculate the angle ADC

a) Calculate the length of AD

b) Calculate the angle ADC