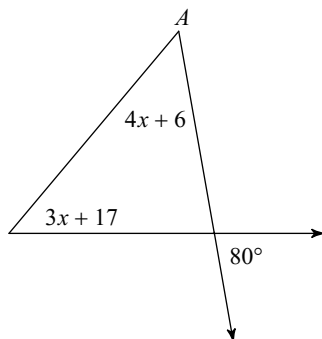


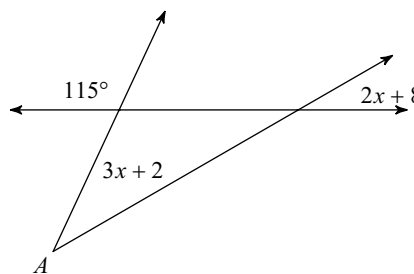
# Triangle Sum, Exterior Angle, and Midsegment Theorems

**Find the measure of angle A.**

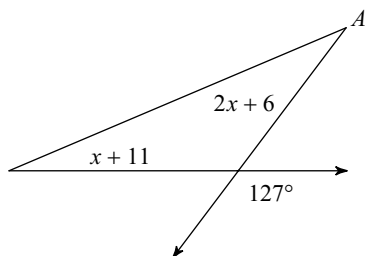
1)



2)

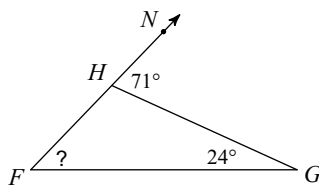


3)



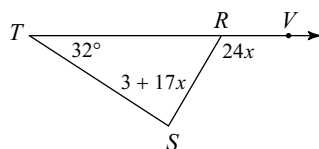
**Find the measure of each angle indicated.**

4)

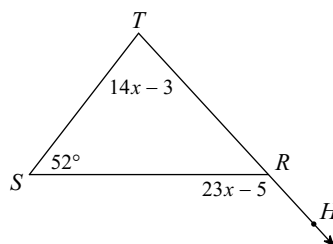


**Find the measure of the angle indicated.**

5) Find  $m\angle S$ .

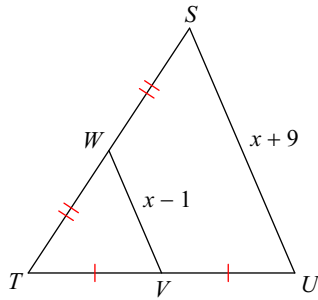


6) Find  $m\angle HRS$ .



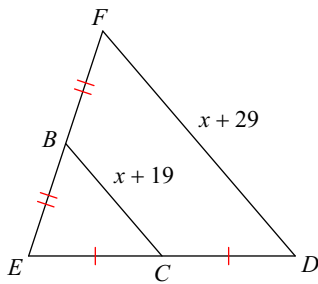
Solve for  $x$ .

7)

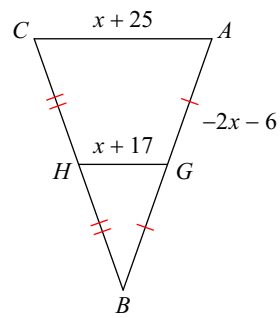


Find the missing length indicated.

8) Find  $DF$



9) Find  $GH$



Solve for  $x$ .

10)

