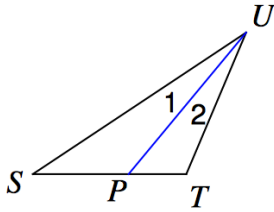
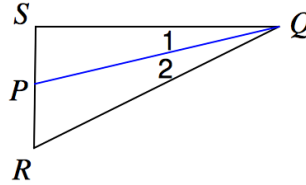


6.1 Angle Bisectors of Triangles

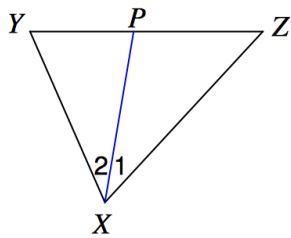
1. $m\angle SUT = 34^\circ$. Find $m\angle 1$.



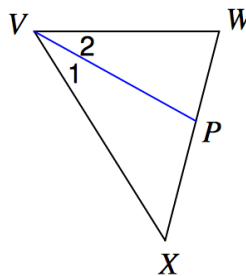
2. Find $m\angle SQR$ if $m\angle 2 = 13^\circ$.



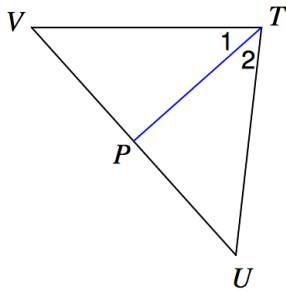
- 3) Find x if $m\angle 2 = 4x + 5$ and $m\angle 1 = 5x - 2$.



4. Find x if $m\angle 2 = 1 + 28x$ and $m\angle XVW = 59x - 1$.



5. $m\angle 1 = 7x + 7$ and $m\angle VTU = 16x + 4$.
Find $m\angle 1$.



6. Find $m\angle 2$ if $m\angle 2 = 7x + 5$ and $m\angle 1 = 9x - 5$.

