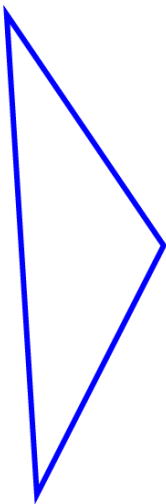
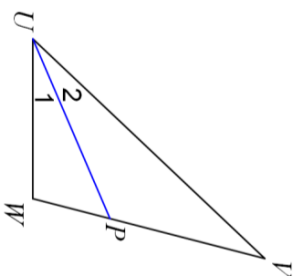


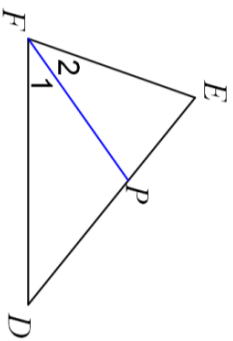
# The incenter



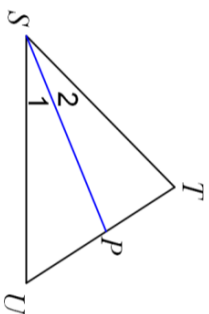
Find  $x$  if  $m\angle 1 = 11x + 1$  and  $m\angle WUV = 24x - 2$ .



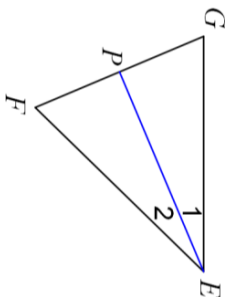
Find  $x$  if  $m\angle 1 = 11x + 2$  and  $m\angle DFE = 24x - 2$ .



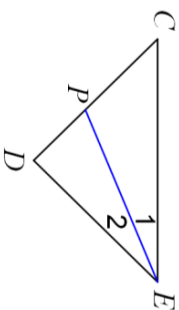
$m\angle 1 = 2x + 4$  and  $m\angle 2 = x + 13$ .  
Find  $x$ .



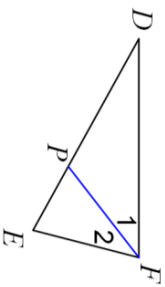
Find  $x$  if  $m\angle 1 = 7x + 2$  and  $m\angle GEF = 16x - 2$ .



$m\angle 2 = 12x - 1$  and  $m\angle 1 = 10x + 3$ . Find  $x$ .



$m\angle 1 = 10x - 2$  and  $m\angle DFE = 18x + 4$ . Find  $x$ .



Find  $x$  if  $m\angle 2 = 4x - 3$  and  $m\angle UST = 6x + 10$ .

