Name _____          Chapter 3

Date _____          Period_____          3.5 Homework
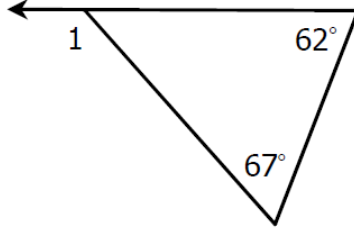
**Directions:** Find all missing angles.
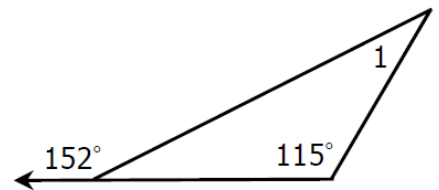
**1.**



$m\angle 1 =$ _____

**2.**



$m\angle 1 =$ _____

**3.**



$m\angle 1 =$ _____

**4.**



$m\angle 1 =$ _____
$m\angle 2 =$ _____
$m\angle 3 =$ _____

**5.**



$m\angle 1 =$ _____
$m\angle 2 =$ _____
$m\angle 3 =$ _____
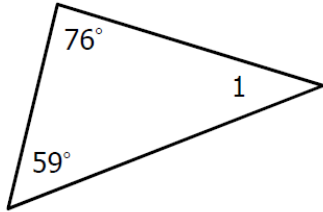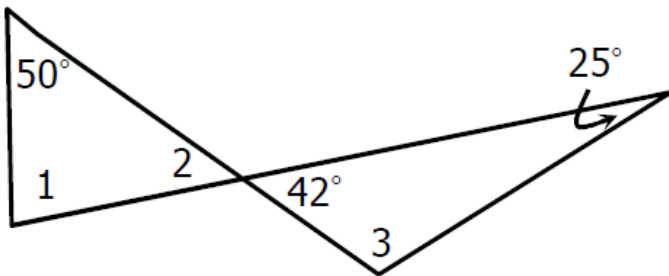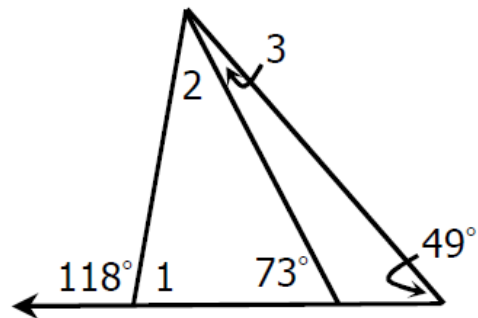
**Directions:** Find the value of x.

**6.**



$(10x - 11)°$

$(3x - 2)°$

$(3x + 1)°$
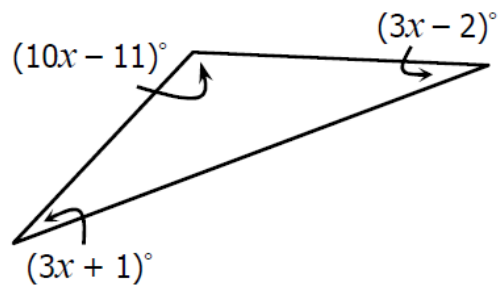
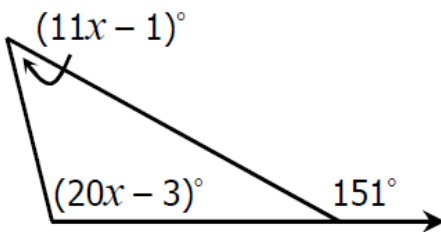**7.** In $\triangle MNP$, if $m\angle M = 4x - 3$, $m\angle N = 9x - 6$, and $m\angle P = 6x - 1$, find the value of x.



M

N          P

**8.**



$(11x - 1)°$

$(20x - 3)°$          $151°$

**9.**



$(14x - 13)°$

$(4x + 13)°$          $(6x + 2)°$