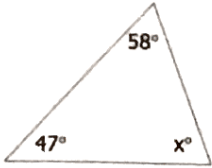


# Worksheet Triangle Sum and Exterior angle Theorem

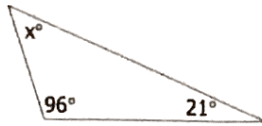
Name MRS. McLEAN 😊  
 Period PA CW on 3.5.19

## I. Find the value of "x".

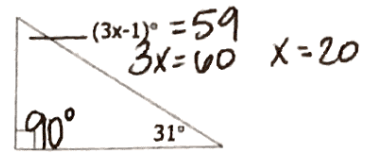
1)  $x = \underline{75}$



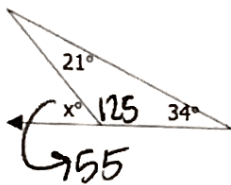
2)  $x = \underline{63}$



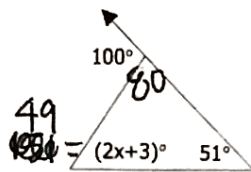
3)  $x = \underline{20}$



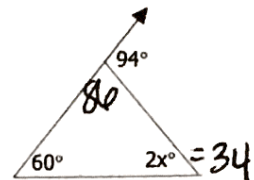
4)  $x = \underline{55}$



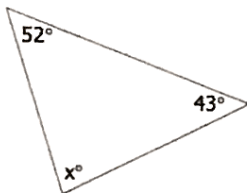
5)  $x = \underline{23}$



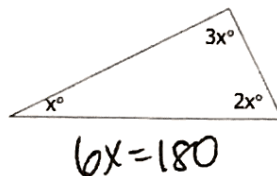
6)  $x = \underline{17}$



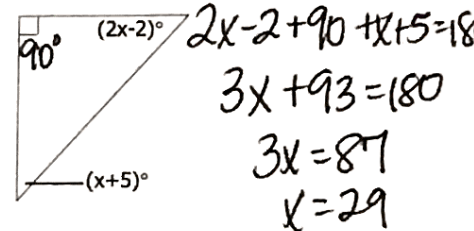
7)  $x = \underline{85}$



8)  $x = \underline{30}$



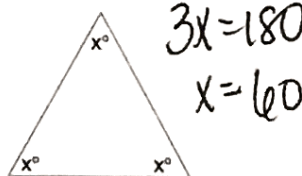
9)  $x = \underline{29}$



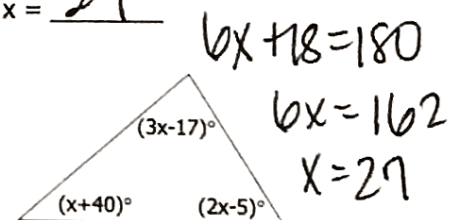
10)  $x = \underline{147}$



11)  $x = \underline{60}$



12)  $x = \underline{27}$



## II. Find the measure of each angle.

13)  $\angle 1 = 112^\circ$     14)  $\angle 2 = 68^\circ$     15)  $\angle 3 = 90^\circ$

16)  $\angle 4 = 90^\circ$     17)  $\angle 5 = 22^\circ$     18)  $\angle 6 = 158^\circ$

