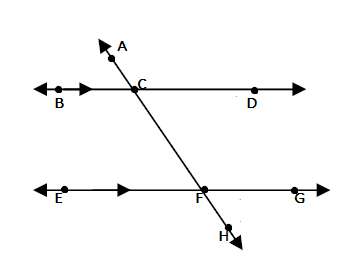
Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ HR:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Parallels cut by a Transversal Practice QUIZ**

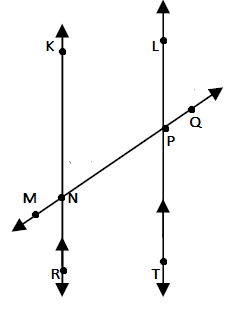
Directions: Find the value of the variable, show your geometry and justification for each.

1.

12x-3

105ᵒ

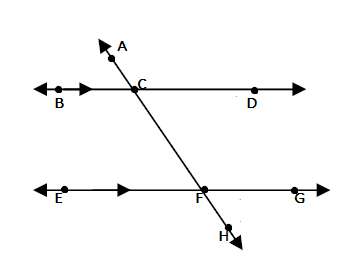
x= \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



2.

-6+12x

11x

**** x= \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

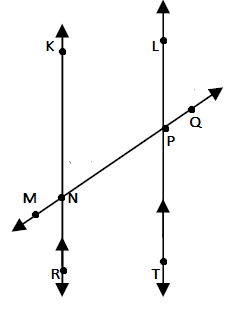
3.

7x+18

6x+19

x= \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



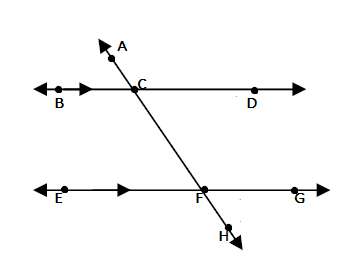
4.

53x-1

38x-1

x= \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Directions: Find the value of the variable and the measure of the angle, show your geometry and justification for each.

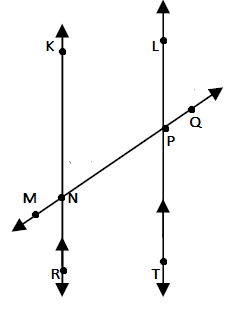
****5.

22x+7

24x-1

x= \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

m<BCF = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



6.

15x+5 14x+12

x= \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

m< TPQ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_