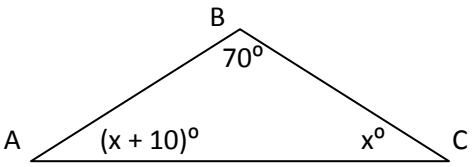
ASSIGNMENT 19

1. Solve the following equation: $5x - 2 = 3(x + 6)$

2. 

In the triangle to the left, what is the measure of angle A ?

3. Fill in the table of values for the function below:

   $y = 5x + 2$

Input (x)	5 (x) + 2	Output (y)	Ordered pair (x, y)
-1	**5 (-1) + 2**	**-3**	**(5, -3)**
0	**??**	**??**	**??**
1	**??**	**??**	**??**
2	**??**	**??**	**??**
3	**??**	**??**	**??**
4	**??**	**??**	**??**

4. Identify the function that will give you the set of ordered pairs or the table of values.

   a) { (1, 2), (2, 4) , (3, 6), (4, 8)}
   b) { (4, 40), (2, 20), (-3, -30)}
   c) { (1, 10), (2, 15), (3, 20), (4, 35), (5, 30), (6, 35)}
   d)

Input	1	2	3	4	5
Output	1	3	5	7	9

   e)

Input	0	2	4	6	8
Output	3	5	7	9	11

5. Determine whether each set of ordered pairs or each table of values represents a function. FOR EACH ONE, EXPLAIN HOW YOU KNOW!!!!!!!!!!!

   a) { (2, 4), (3, 4), (4, 4), (5, 4)}
   b) { (-3, 10), (2, 5), (-3, 12), (5, 16)}

   C)

X	3	3	3	3	3	3
Y	4	5	6	7	8	9