Solve the equations below write the algebraic steps. The first one is done for you.

5n - 5 = 152n + 6 = 18 2n+6+6=18+6 5n-5+5=15+5 2h=24 2h+6=24+6 5n = 205n + 5 = 20 + 5

5 4n + 3 = 11 6 8n - 7 = 33 411-13-13=11-13 201-1-1

24-12/6-12 3 4n + x = \$67 6 68 = 7 = 8

5h +11-11=46-1/= 10n+9 n= 7. marke

11 54-6-296

7/9n + 1/2 = 30 Z

a=10 10,6=5 11, 0=6

12, 12

53.714235-infinite

ISR8=N

5044+4=24+4

60-7+7=23+7

## Substitution

Instructions: Evaluate each expression by substituting in the given values.

1. If 
$$x = 3$$
, then what is  $x + 4$ ?  $3 + 4 = 2$ 

2. If 
$$x = -5$$
, then what is  $10 + x$ ?  $(0)$ 

3. If 
$$x = 7$$
, then what is  $x - 8$ ?

4. If 
$$x = -6$$
, then what is  $18 - x$ ?  $(8 - 6) = 2$ 

5. If 
$$x = 2$$
, then what is  $4x$ ?

H2=4X2=5

7. If 
$$x = 7$$
, then what is  $\frac{35}{x}$ ?

6. If x = 9, then what is -8x?

8. If 
$$x = 27$$
, then what is  $-\frac{x}{3}$ ?

9. If 
$$a = 3, b = 5$$
, then what is  $2a + b$ ?

10. If 
$$a = -1, b = -4$$
, then what is  $a - b$ ?