6. Solve the system of equations:

a) 
$$\{ + y = (2x - 3) \}$$
  
 $\{ 2x + 3(y) = 23 \}$ 

$$y = 2(4) - 3$$

$$= 8 - 3$$

$$y = 5$$

$$2x+3(2x-3)=23$$

$$2x + 6x - 9 = 23$$

a) 
$$4x^2 - 49 =$$

actor each expression.

a) 
$$4x^2 - 49 = (2x + 7)(2x - 7) = 4x^2 - 14x + 14x - 49$$

b) 
$$4x^3 + 8x^2 - 32x - 4x(x^2 + 2x - 8)$$

$$ac = -36 \times \text{MULT}$$

$$C = -36 \frac{1}{2} \frac{1}$$