

**Solving Equations by Collecting Like Terms - Faster Way**

$$4x + 4 = 16 - 2x$$

$$4x + 2x = 16 - 4$$

$$6x = 12$$

$$\frac{6x}{6} = \frac{12}{6}$$

$$x = 2$$

d)  $24 - 6x = 36 - 3x$

e)  $3x - 1 + x = 5 + 7x - 3$

f)  $-4x - 2 = 10 + 2x$

g)  $2x + 3x + 4 = -8 - x$