

## Solving Equations with Fractions

$$\frac{(x + 2)}{3} = 6$$

$$\frac{1}{3}(x + 2) = 6$$

$$\frac{(x + 2)}{3} \times 3 = 6 \times 3$$

$$3 \times \frac{1}{3}(x + 2) = 3 \times 6$$

$$(x + 2) = 18$$

$$(x + 2) = 18$$

$$x = 18 - 2$$

$$x = 18 - 2$$

$$x = 16$$

$$x = 16$$

a)  $\frac{2(x + 2)}{3} = 4$

b)  $\frac{5(x + 2)}{3} = 10$