

Equations With Variables on Both Sides

Practice:

$$(1) \quad 7x = 10 + 2x$$

$$(2) \quad 5c = 28 + c$$

$$(3) \quad 0.8m = 0.2m + 24$$

$$(4) \quad 4\frac{1}{4}c = 9\frac{3}{4}c + 44$$

$$(5) \quad 4y + 20 = 5y + 9$$

$$(6) \quad y + 30 = 12y - 14$$

$$(7) \quad 2d + 36 = -3d - 54$$

$$(8) \quad 3m - (m+1) = 6m + 1$$

$$(9) \quad 3b - 8 = 10 + (4 - 8b)$$

$$(10) \quad 8a - 3(5 + 2a) = 85 - 3a$$

$$(11) \quad ~~2(4-b) + \frac{3}{5}b = \frac{1}{5}x - 16~~ \quad 2(4-b) + \frac{3}{5}b = \frac{1}{5}x - 16$$