

SECTION 1.5: REWRITING EQUATIONS AND FORMULAS

Homework: _____

Learning Targets:

- Understanding of how to write equations from verbal statements
- Understanding of how to solve the equations that you have created from the verbal statements

Literal equation: an equation with _____ variables. To solve literal equations, you do the _____ operations and _____ terms when possible.

Solve for x : $4x + 2y = 8$

Solve for b : $2a + bc = 3a$

Problems for the left page

Solve for the state variable

- $2(x + y) = x - 5$; *solve for y*
- $w = \frac{x+z}{y}$; *solve for x*
- $3y + 5 = x + 12$; *solve for y*
- $2xz + 3x = 5y + 2$; *solve for x*
- $xy - 4y = 2x + z$; *solve for y*