Vocabulary:

Literal Equation	Formula

Literal Equations

1) Solve for x:

$$x + k = f$$

2) Solve for a:

$$\frac{a}{x} = b$$

3)Solve for *m*:

$$x - m = r$$

4) Solve for z:

$$x + z = r$$

5) Solve for x:

$$\frac{x}{a} - b = c$$

6) Solve for x:

$$ax - t = m$$

7) Solve for **y**. Then find the value of **y** when x = -5.

$$y + 3x = -11$$

8) Solve for y. Then find the value of y when x = 6.

$$3y - 6x = -9$$

9) Solve for y. Then find the value of y when x = 2.

$$6 = -2y + 5x$$

Formulas:

- 1) Solve for **b**: $A = \frac{1}{2}bh$ (Area of a triangle)
- 2) Solve for r: $C=2\pi r$ (Circumference of a circle)
- 3) Solve for W: P = 2L + 2W (Perimeter of a rectangle)
- 4) Solve for t: D = rt (Linear motion)
- 5) Solve for C: $F = \frac{9}{5}C + 32$ (Temperature conversions)