

Literal Equations – Worksheet #2



SHOW ALL WORK!!



Regular Equations

1a) $43 - 2x = 11$

2a) $23 + 4x - 34 = -11$

3a) $3(2x - 7) = 6$

Literal Equations

1b) Solve for x: $3y + 2x = -1$

2b) Solve for k: $3 - 3k + 7k = 5b$

3b) Solve for b: $\frac{1}{2}(4a + 10b) = c$

Formulas can be manipulated through the process of solving literal equations.

4) Solve for h: $A = bh$ (area of a parallelogram)

Literal Equations – Worksheet #2

5) Solve for b: $A = \frac{1}{2}bh$ (Area of a triangle)

6) Solve for r: $C = 2\pi r$ (Circumference of a circle)

7) Solve for w: $P = 2L + 2W$ (Perimeter of a rectangle)

8) Solve for t: $D = rt$ (Linear motion)

9) Solve for C: $F = \frac{9}{5}C + 32$ (Temperature conversions)