Practice 5 - Variable - Input - Output - BODMAS
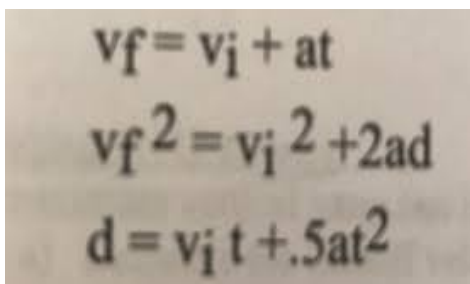
1. Input x1, x2, y1, y2 and find distance using formula:

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

2. Input radius and find volume of the sphere:

$$V = \frac{4}{3} \pi r^3$$

3. Input values given on the left hand side of the equations. Calculate and print right side parameters using left side expressions:

$$v_f = v_i + at$$

$$v_f^2 = v_i^2 + 2ad$$

$$d = v_i t + .5at^2$$

4. Input x & y. Calculate and print left side of expression without using power function:

$$(x - y)^3 = x^3 - 3x^2y + 3xy^2 - y^3$$