MS Word Assignment   Name _____

Mr. Bouwsma   **7 Objects** 1-3 pts

Submit by Inspection   Period ____

1. See the following page see an example of what the work | 9007610: 4.01, 9.02, 08 |
   you need to do looks like. (The objects will not work in the
   example)

   Tab alignment button

2. Type the centered title at exactly 3" from the edge of the paper using a center tab.
   a. Activate the ruler bar
      i. Click View.
      ii. Check mark the ruler box.
   b. Click on the tab alignment button until it becomes an upside down T.
      The L is left alignment, the upside down T is center alignment and the
      backwards L is right alignment.
   c. Click on the three inch mark to put the upside down T there.
   d. Click on the text and press tab, then type.
3. Type in all text as shown in the example.
4. Insert the objects
   a. Add the date at 4 ¾ " from the edge of the paper using a left tab.
      i. Click **Insert**.
      ii. Click **Insert date**.
      iii. Check the **Update Automatically** box, so the date changes each time the
           document is loaded.
   b. Add a working calculator for programmers. It is easy to have trouble with
      embedded objects, but they are easy to delete. If something troubling happens,
      use undo or click the object and press Delete.
      i. Click **Insert**,
      ii. Click **Insert Object**.
      iii. Click the **Create from File** tab. We are going to access an existing
           program rather than make a new one.
      iv. Click **Browse**.
      v. Go to **c:\windows\system32** and click on **Calc.exe**.
      vi. Check mark **Display as Icon**.
      vii. Click **Change Icon**.
      viii. Browse to **c:\windows\system32** and click on **Calc.exe**.
      ix. Click OK.
      x. Format the object the way you would a picture.
      xi. Save your work then test the object by double clicking on it.
   c. **Search for and find the other objects in the document example and apply the
      same procedure to make them embedded objects as well.**
5. Insert the equations.
   a. Click **Insert**,
   b. Click **π Equation**.
   c. Click the parts you need to make your equation.

6. **For an extra point or two**, Type up a page out of your math book. Pick a page with at
   least 5 equations and make links and objects to assist in finding solutions.
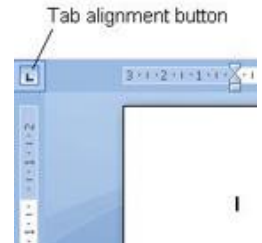
The Distance formula

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

calc.exe   notepad.exe

Energy in a collision

$$Damage = Mass \times Velocity^2$$

Position of an object orbiting around (x,y) at a distance of R

$$Position_x = x + \cos(Angle\ in\ Radians) \times R \quad Position_y = y + \sin(Angle\ in\ Radians) \times R$$

Scaling pixels to boxes of scale factor S starting at $(Postion_x, Postion_y)$

$$\sum_{i=1}^{Max\ Pixels} \left(Postion_x + S(x_i - 1), Postion_y + S(y_i - 1) \right)$$

BULLETS.EXE

To

$$\sum_{i=1}^{Max\ Pixels} \left(Postion_x + Sx_i, Postion_y + Sy_i \right)$$

Linear acceleration of gravity, where g=gravity constant, and the radius of the gravity source is ∞

$$\Delta Y = \Delta Y + g$$

Single point gravitation

BALL.EXE

$$g_x = \frac{g \frac{\overline{(x_1 - x_2)}}{[(x_1 - x_2) + (y_1 - y_2)]^2}}{\frac{[(x_1 - x_2) + (y_1 - y_2)]^2}{r_{grav\ source}}}$$

$$g_y = \frac{g \frac{\overline{(y_1 - y_2)}}{[(x_1 - x_2) + (y_1 - y_2)]^2}}{\frac{[(x_1 - x_2) + (y_1 - y_2)]^2}{r_{grav\ source}}}$$

Kepler.exe