Science 8	Name_____
Cells: Cells Alive	Assignment #_____Period_____

1. Visit *Cells Alive* on the *Central School Science* Home Page on the internet.
   The links are: Life Science>>Cells>>Cells Alive>>
   First a) Cell Cams>>Bacteria Cam.
   Then b) Microbiology>>Dividing Bacteria>>*520K time-lapse movie of E. coli.*

2. Consider that you have one bacterium cell and that it reproduces every 20 minutes for 5 hours.
   a) Use a double T –chart (3 columns) below to list and show your data . Use a ruler.
   b) Label you columns Trial, Time in minutes and Number of Bacteria.

   c) If all live, the total number of bacteria would be_____.
   d) Give 2 reasons why all will not live. 1_____ 2_____
   e) Bacterium means _____bacteria means_____

Have Checked_____

3. Graph your results below.
   a) Plan so your data to fit the space you have.
   b) Use a ruler or straight for all lines.
   c) Leave room and label: Your Name, Title, Horizontal Axis and Vertical Axis.

Have Checked_____