

Excel Lesson 20 One Trillion and your imagination

This lesson will expand your imagination to allow you to grasp how much the government is spending and how much of your tax money is successful. The calculations are rather simple but justified. I hope at the end of this lesson you will have a much better comprehension of the world we live in and the government spending your tax dollars. You may learn to always ask yourself and your parents how many hours do I or they need to work to purchase this item and do I really need it.

Directions:

1. Open the Microsoft Excel data file that I have provided for you.
 - a. If needed you will discover a video that we have provided illustrating how to set up this spreadsheet.
2. Go to Page Layout - Page Setup – Header / Footer – Custom Header
3. Left Section Type in your Name & Grade -- Right Section click on the Date & Time (OK)
4. Immediately save this in a folder you created called EXCEL as **Lesson 20 Trillion**
5. This lesson is accompanied with a spreadsheet. The spreadsheet is designed to allow you to determine amounts of time and money and have them placed in a certain row.

Detailed directions:

Colors represent different events that are to be used in this spreadsheet.

Green: Headings clarifying what will be in yellow Do not place an = sign in here.

Yellow: Equations are located in this cell. Place an = sign here to calculate.

1. **Row 11 Seconds:** Write out the calculation you find in Row10. You need to add the = sign before the equation in excel to do the calculation. Complete Million in column A first then repeat the same for Billion and finish Column C for Trillion last.
2. **Row 13.** You will copy the result of the calculation from Row 11 that number in row 13 followed by **/ 60** as that is the number of seconds in a minute.
3. **Row 14 Minutes:** place an = sign then paste the calculation from row 13. This will provide you with the answer for how many minutes.
4. **Row 16** Place the number of your answer from row 14 in row 16 followed by **/ 24** representing the number of hours in a day.
5. **Row 17 Days:** Place an = sign and the number from row 16 this will provide you with the total number of days.
6. **In row 21** type in the number of days that is calculated.
7. Row 13 & 14 **Minutes** You will repeat the same concept as you did in Rows 10 & 11 only with Minutes.

COLUMN A 1 MILLION COLUMN C 1 BILLION COLUMN E 1 TRILLION

THE FOLLOWING EQUATIONS ARE FOR BILLION AND TRILLION

8. **Row 19** Place the number of days from row 17 followed by **/ 360**
9. **Row 20 Years:** Place an = followed by the equation from row 19 to calculate the number of years it will take to equal a Billion [column B] and a Trillion [column C]
10. When you are finished printout this spreadsheet making sure you have placed your name grade and date and time in the places requested. Save this excel problem to the respective folder.