

### Quick Spreadsheet Drills

Use these as daily “warm up” drills. Consider giving extra credit to the first student who can show you or print out the formulas and answer.

- A. Even though 77,988 automobiles were registered in the US by 1905, most people still considered horses more dependable. In 1909, a Model T Ford sold for \$950. Henry Ford set up his first automobile assembly line for production of the Model T Ford in 1913. He paid his workers a fabulously high wage--\$5 a day – and was still able to reduce the cost of making his cars. How much would a worker have made per year working six days a week for 52 weeks for Henry Ford?
- B. By 1926, the price of new Model T had been reduced to \$290. What was the percent of reduction in the cost of the Model T between 1909 and 1913?
- C. A minimum wage of 40 cents per hour was established on July 12, 1933. How much would a worker have made in a year with a minimum wage for 40 hours of work for 52 weeks?
- D. The 1990 census was taken by a staff of over 315,000 and cost 2.6 billion dollars. The population of the US was 248,700,000. To the nearest cent, how much per person did it cost for the 1990 census?

#### ANSWERS:

- A \$300
- B \$1,560
- C \$69.5%
- D \$832

(Adapted from *Math Twisters*, Cindy Barden, Mark Twain Media, Inc., 2002)