1) There are 12 pencils in a new box that you purchased. How long is the line that could be drawn using all of the pencils in the box?

2) The standard length of a pencil is 18 cm. If a pencil can be sharpened approximately 17 times, how many cm are ground down at each sharpening?

Choose the scenario that fits you best to answer question #3 below:
   a) You make up lyrics to songs all the time. You probably jot down 500 words in lyrics every day.
   b) You like to clear your mind before you sleep and write 750 words in your diary each night.
   c) You are a minimalist. You prefer to think about things instead of writing much down. You get by with writing only about 90 words every day.
   d) You want to sign up for a creative writing class and will need to write approximately 1,500 words a day for your assignments.

3) If an average pencil can write an average of 45,000 words, how many days would your pencil last?

4) A pencil can draw a line 35 miles long and needs 17 sharpenings. How many miles should you be able to draw before needing to sharpen your pencil?

5) Based on this information, a standard 7 inch pencil draws a 35 mile line, writes about 45,000 words, and absorbs 17 sharpenings. What would the information look like for a 3 inch golf pencil?
1) There are 12 pencils in a new box that you purchased. How long is the line that could be drawn using all of the pencils in the box?
   420 miles

2) The standard length of a pencil is 18 cm. If a pencil can be sharpened approximately 17 times, how many cm are ground down at each sharpening?
   1.06 cm per sharpening

Choose the scenario that fits you best to answer question #3 below:
   a. You make up lyrics to songs all the time. You probably jot down 500 words in lyrics every day.
   b. You like to clear your mind before you sleep and write 750 words in your diary each night.
   c. You are a minimalist. You prefer to think about things instead of writing much down. You get by with writing only about 90 words every day.
   d. You want to sign up for a creative writing class and will need to write approximately 1,500 words a day for your assignments.

3) If an average pencil can write an average of 45,000 words, how many days would your pencil last?
   a. 90 days   b. 60 days
   c. 500 days  d. 30 days

4) A pencil can draw a line 35 miles long and needs 17 sharpenings. How many miles should you be able to draw before needing to sharpen your pencil?
   2.06 miles per sharpening

5) Based on this information, a standard 7 inch pencil draws a 35 mile line, writes about 45,000 words, and absorbs 17 sharpenings. What would the information look like for a 3 inch golf pencil?
   About 15 miles, 19,286 words, 7 sharpenings