



## Problem of the Week

### Problem B

#### Your Teeth, You Must Care For

Some dentists recommend that you brush your teeth twice a day for 2.5 minutes each time.

Assume for these problems that this recommendation has been followed. Also assume there are no leap years.

- a) How many seconds per day of brushing are required by this recommendation?
- b) For about how many hours would you brush your teeth in a year?
- c) Over the past 25 years, for about how many days would this hockey player have brushed what teeth he has?
- d) Yoda was about 900 years old. Regularly, his teeth he did brush. For about how many weeks would he have brushed his teeth throughout his life?



TIME CONVERSION LIST: (Look these up if you don't know them.)

\_\_\_\_\_ seconds = 1 minute

\_\_\_\_\_ hours = 1 day

\_\_\_\_\_ days = 1 week

\_\_\_\_\_ days = 1 year

\_\_\_\_\_ weeks = 1 year