



## Problem of the Week

### Problem B

#### 'Tis a Puzzle

Joan is an experienced jigsaw puzzler. On average, she will correctly place a puzzle piece every 30 seconds.

- a) How long, in hours, should it take Joan to finish a 3000 piece puzzle?
- b) How long, in hours and minutes, should it take Joan to finish a 10 000 piece puzzle?
- c) Joan works on a puzzle from 7:00 p.m. to 9:00 p.m. every weekday. (She does not work on her puzzle on Saturday or Sunday.) If she started a new 10 000 piece puzzle on January 15, 2020, on which date would she finish?

