



## Problem of the Week

### Problem A

#### Getting to School

Twenty grade 3 students and 25 grade 4 students attend the School of Math. Twelve grade 3 students take the bus, and the rest walk to school. Out of all the students in grades 3 and 4, there are 23 who walk to school. At an assembly for grade 3 and 4 students, a name is drawn for a prize.

- A) What is the probability that the prize winner is in grade 3 and walks to school?
- B) What is the probability that the prize winner is in grade 4 and takes the bus to school?

