



## Problem of the Week

### Problem C

#### Thelma's Chips

Thelma has two piles of bingo chips. In each pile there are green and yellow chips. In one pile, the ratio of the number of green chips to the number of yellow chips is  $1 : 2$ . In the second pile, the ratio of the number of green chips to the number of yellow chips is  $3 : 5$ . If Thelma has a total of 20 green chips, then determine the possibilities for the total number of yellow chips.

