



## Problem of the Week

### Problem A

#### Beaded Bracelets

Aditi and Ersal have designed a bracelet that has 17 beads. The bracelet has 6 red beads, 9 green beads, and the rest of the beads are yellow.

- (a) How many yellow beads are in one bracelet?
- (b) They want to make a total of 21 of these bracelets so they have one for everyone in their class. Each package of 24 beads has 8 red, 8 green, and 8 yellow beads in it. How many packages of beads do they need?

