Problem of the Week

Problem B

Food Daze

The Parent Council at Blackburn Elementary School is raising money to buy a new climber for the school yard. Starting on the second day of the school year, they will sell smoothies every other day. Starting on the third day, they will sell pizza every third day.

a) Is it possible for students to buy smoothies and pizza on the 100th day of school? Why, or why not?

b) During the first 100 days of school, on how many days do they sell smoothies and pizza on the same day?

Check out other CEMC resources here:

cemc.uwaterloo.ca/resources/resources.html

Strand: Number Sense