



## Problem of the Week

### Problem E

### Food Truck Fare

Food To Go sells only burgers, fries and drinks from their food truck.

Today, exactly 120 people made a purchase. Half of the people purchased at least a burger,  $\frac{1}{4}$  purchased at least fries but  $\frac{1}{3}$  of the customers purchased only a drink. Of the people who bought a burger,  $\frac{4}{5}$  of them bought at least one other item.

How many people purchased a burger and drink but not fries?

