

Mathematics Problem of the Week (250)

This week's winner is:

Nicolas Samograd

Contact Lin Hammill (Surrey Fir 348) or Judy Bicep (Richmond,3335) for your prize or email MathProblem@kpu.ca.

Also submitting correct solutions to problem 250 were:

**Stephen Yang, Alex Au Ieong, Aseel Barghouti,
Tierney Wisniewski, Tom Ouelette, David Luna and
Suzanne Pearce**

Problem 250 solution:

Solution:

Pick from the one labeled F&S. Since the label is incorrect, this box must contain either only footballs or only soccer balls.

If I pull out a soccer ball, label the box S. The box marked F cannot contain only footballs so label it F&S. The box labelled S should be re-labelled F.

If I pull out a football, label the box F. The box marked S cannot contain only soccer balls so label it F&S. The box labelled F should be re-labelled S.