

Problem number 250

Posted Monday February 2th 2015

Submit by noon, Tuesday February 10th 2015



There are three boxes, one containing only soccer balls, one containing only footballs and one containing both soccer balls and footballs. One is labeled F for foot balls, another is labeled S for soccer balls. The last one is labeled F&S. You know that each box is labeled incorrectly and you want to apply correct labels. You cannot look into the boxes but you may ask me to pick one ball from whichever box you choose.

How will you re-label the boxes correctly?

