

Pi Mu Epsilon

Problem of the Month

November 2010

Seven poker chips, one of each color of the rainbow (red, orange, yellow, green, blue, indigo, and violet), are stacked randomly in a pile. What is the probability that the blue and green chips are not adjacent?

Problem of the Month Rules:

- ⌘ Submissions must include a complete mathematical justification along with the answer.
- ⌘ Submissions may only be made by individuals or groups of two and must be dated.
- ⌘ Due date: November 24, 2010 before 5 p.m.; they may be given to Dr. Leigh Lunsford, Dr. Phillip Poplin, or Dr. David Shoenthal (Mathematics).

To get your own copy, please visit the
Pi Mu Epsilon Problem of the Month website:

<http://www.longwood.edu/staff/shoenthaldw/potm.html>