Pi Mu Epsilon
Problem of the Month
March 2018

Consider the set A = {1, 2, 3, 4, 5}. Find the number of ways to create two disjoint, nonempty sets from the elements of A.

One example of such pair: {{2}, {4, 5}}.

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: March 26, 2018 before 5 p.m.; they may be given to Dr. Phillip Poplin (Ruffner 326A) or Dr. David Shoenthal (Ruffner 121).

To get your own copy, please visit:
http://www.longwood.edu/mathematics/