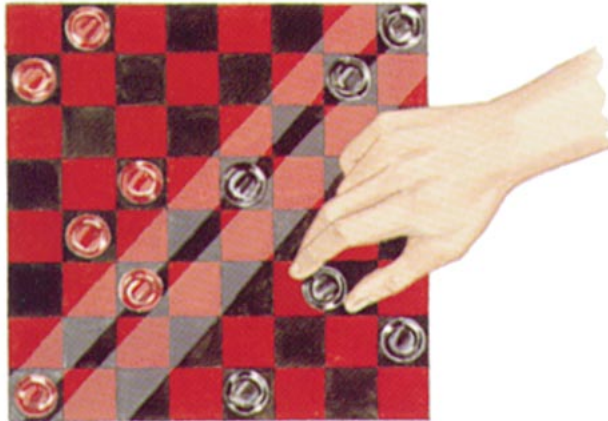


Rectangle Rampage

Problem-of-the-Week

The Problem

How many rectangles of any size are there in an 8-by-8 checkerboard?



Strategies and Hints

1. Have you tried simplifying the problem? Start with a grid that is smaller than 8-by-8.
2. Consider the squares separately from the other rectangles.
3. Record your data in a table or an organized listing.
4. Do you see any patterns in the numbers that can help you determine the answer without counting all possibilities?