

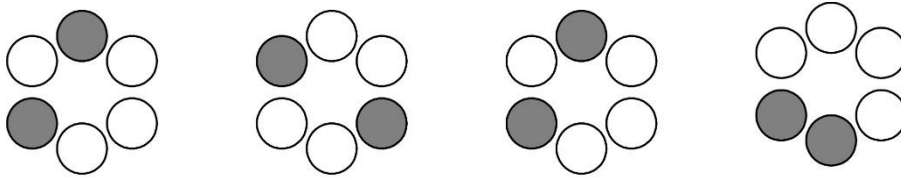
# MATHCOUNTS<sup>®</sup> Problem of the Week Archive

## Logic – January 18, 2021

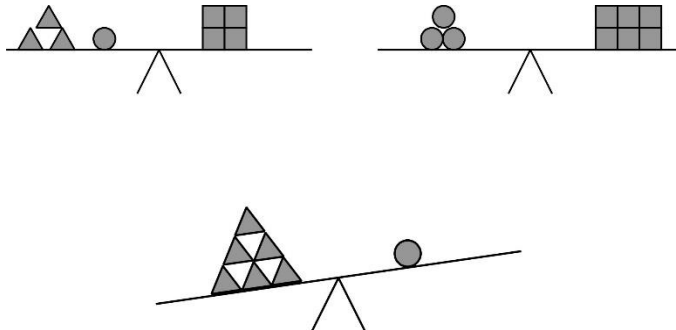
### Problems

The following problems deal with logic. There are multiple ways to solve these problems, and for some of them, there may be more than one right answer. As long as your logic is accurate, alternate solutions are acceptable. Enjoy!

Draw the next figure in the pattern.



How many squares would balance the third scale? (Ignore distance from the middle of the scale.)



What are the next two terms in the sequence below?

A, 2, C, 3, F, 5, K, 7, \_\_\_\_, \_\_\_\_...