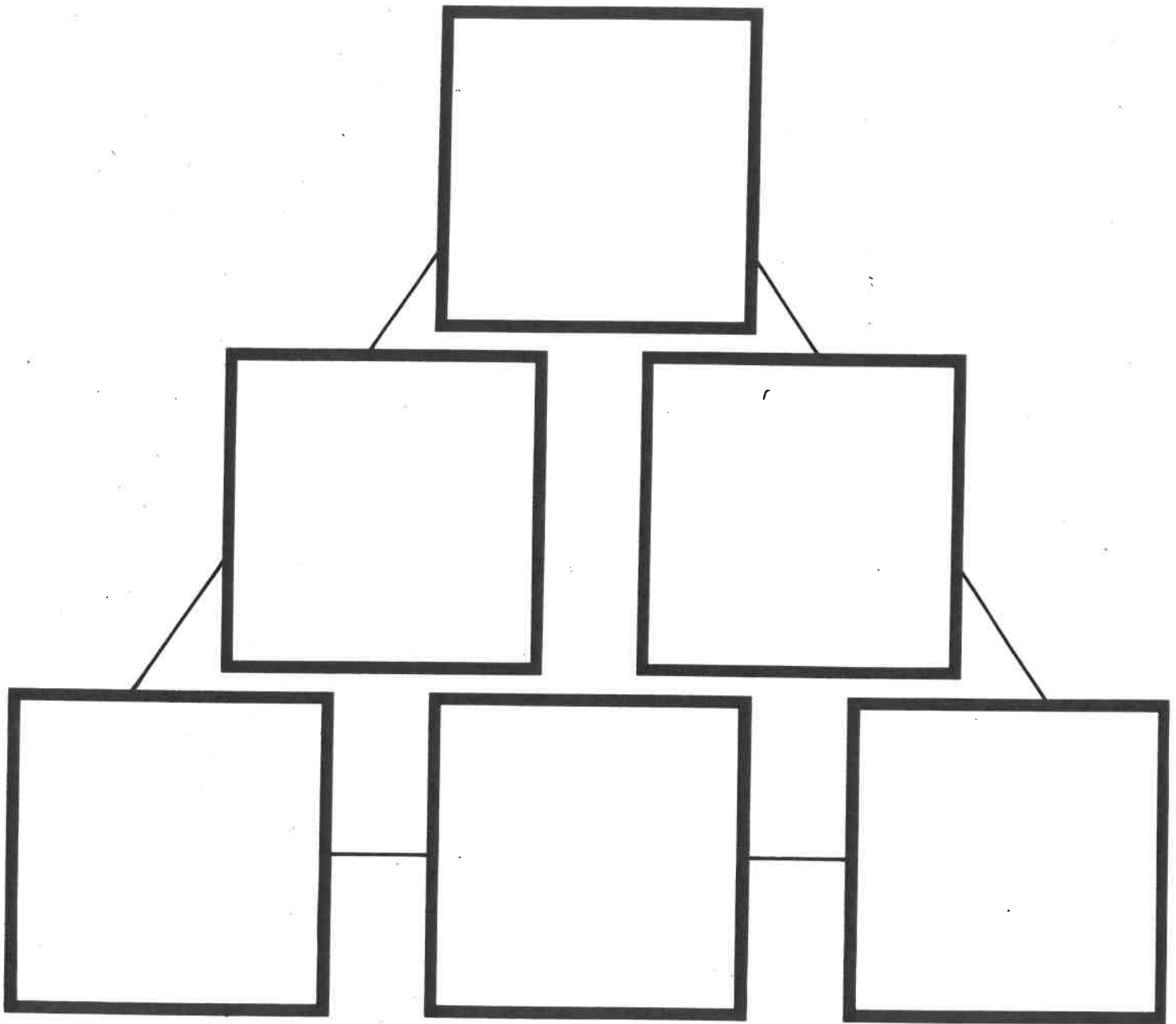


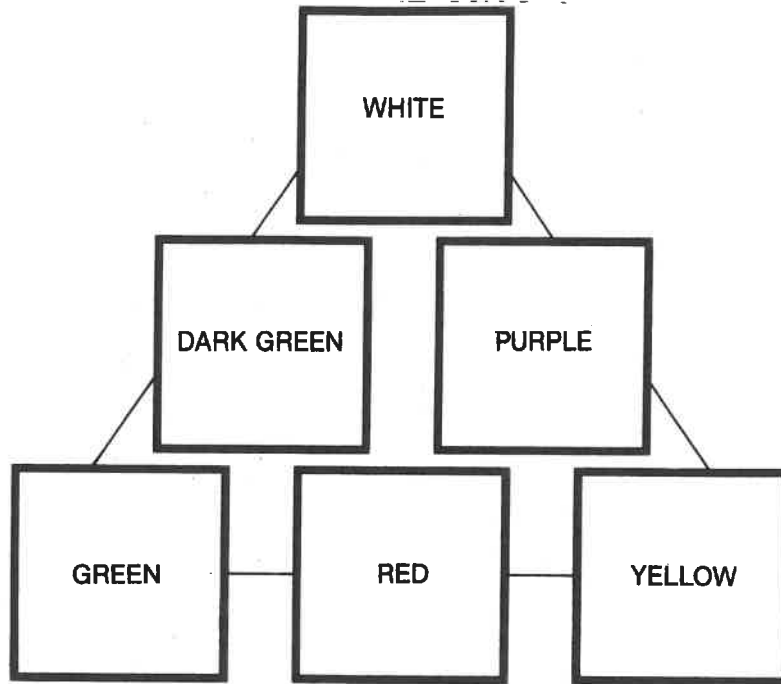
# Triangle Magic



**Rods needed: 1 white; 1 red; 1 light green; 1 purple; 1 yellow; one dark green rod; and one orange rod to measure.**

**The goal is to place each rod on one of the squares so that the three rods on each side of the triangle are just as long as an orange rod.**

## Answer Key for Triangle Magic



### Questions to ask as the students have found a solution.

What's the sum of each side of your triangle?

What numbers are represented in the three corner squares?

What numbers are represented in the three inner squares?

What is the sum of the numbers in the three mini triangles made at each triangle vertex?