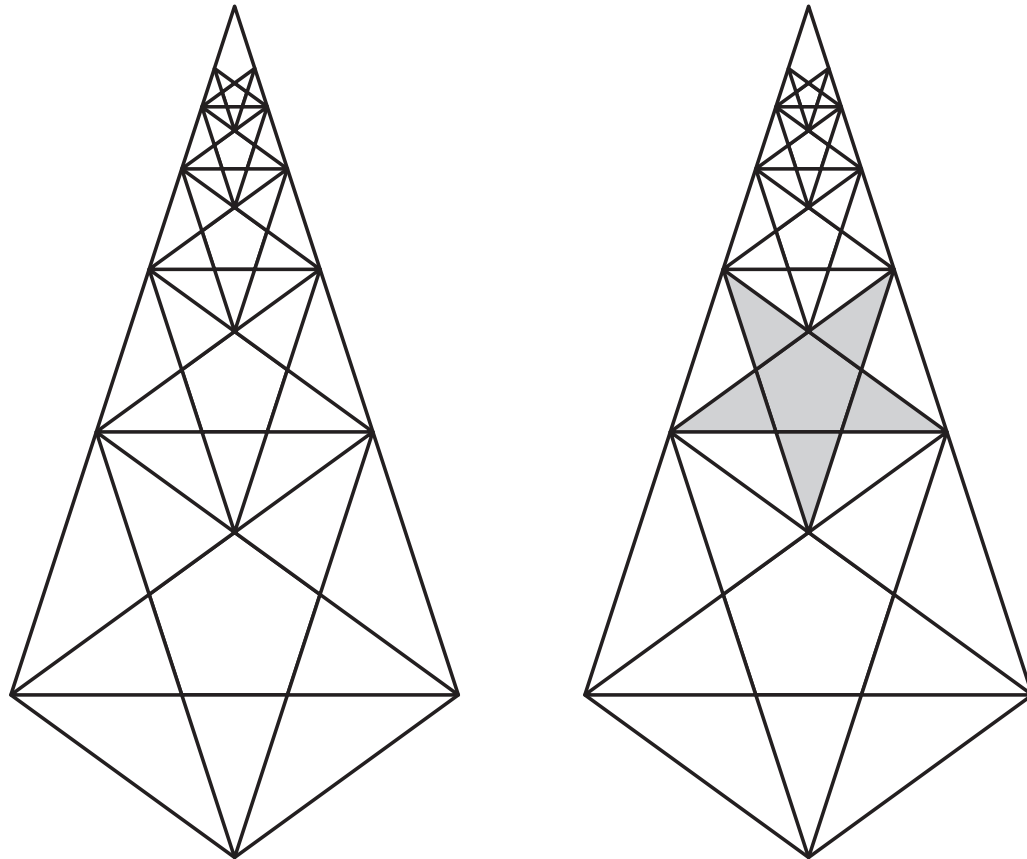


Visual Approach Lesson Opener

For use with pages 473–479

The Lute of Pythagoras is shown twice below.



1. Color the Lute of Pythagoras on the left so that all figures that are congruent are the same color. Then find the five pentagons that are *similar* (have the same shape) and number them from smallest to largest.
2. Color the Lute of Pythagoras on the right so that each star similar to the shaded star is a different color.
3. Four different shapes make up the Lute of Pythagoras: pentagon, obtuse isosceles triangle, acute isosceles triangle, and kite. How many of each shape are there? (*Hint:* The total should be 51.)