



Name _____ Date _____

Problem Solving: Solve a Simpler Problem

TAKS Objectives 1, 6
TEKS 4.7, 4.14C

Use a simpler problem to solve each problem.

1. Justin is cutting a piece of paper into strips. He makes 15 cuts. How many strips of paper will he have?

2. Ten 2-inch square tiles are placed in two rows to make a rectangle. What is the distance around the rectangle?

3. Leah shops at a bead store. The store offers 3 free beads for every 15 beads that a customer buys. How many beads will Leah get if she pays for 45 beads?

4. Rama plays field hockey. There are 9 teams in her league. Each team plays each of the other teams twice. How many games does Rama's team play?

5. In Problem 4, how many games do the 9 teams play altogether in the season?

6. There are 16 boys and 16 girls at a square dance. The boys and girls are paired for each dance. How many different pairings are possible?
