



Problem Solving: Look for a Pattern

TAKS Objective 2
TEKS 3.6A

Use a pattern to solve each problem.

1. Adam is making this pattern – 112, 116, 120, 124. What number should he write next? What pattern does he use?

3. Lily is making a bracelet with beads. She uses 1 red bead, 2 blue beads, 1 red bead, 2 green beads, 1 red bead, 2 blue beads. What is the pattern that repeats?

5. Use these shapes to make a repeating pattern 1 triangle, 2 squares, and 3 circles.

2. How many hands do 9 people have? What pattern helps you solve this problem?

4. Brandon is making a tower of blocks. He uses 1 red block, 1 blue block, 2 yellow blocks, 1 red block, 1 blue block. What are the colors of the next 4 blocks likely to be?

6. Rearrange the numbers 18, 36, 27, 9, and 45 to make a growing pattern. Then predict the next 2 numbers in the pattern.

