Problem-Solving Strategy:
Make an Organized List

Make an organized list to solve each problem.

1. Don is setting up a birdfeeder in his backyard. He can buy either a large feeder or a small feeder. He can fill the feeder with either mixed seeds or sunflower seeds. How many different ways could Don set up a birdfeeder?

   Show your work.

   4 ways

2. Adam has a red shirt, a blue shirt, and a white shirt. He also has a brown pair, a black pair, and a blue pair of shorts. How many different ways can he wear one shirt and one pair of shorts?

3. Cathy is ordering a scoop of ice cream. She can order a cup, a sugar cone, or a waffle cone. The ice cream flavors are vanilla, peach, strawberry, mint, and chocolate. How many different combinations can Cathy order?

4. Karen won the poster contest at school. She got to choose either a radio or a CD player as her prize. Each prize comes in black, red, or green. How many choices does Karen have?