Find Probability

The tree diagram shows the possible outcomes when a coin is tossed and a three-part spinner is spun. Use the tree diagram for Problems 1–2.

1. Make a grid to show the same outcomes.

2. Write the probability of tails and striped as a fraction and in words.

Use the spinners for Problems 3–4.

3. Draw a grid to show all the possible outcomes of spins on both spinners.

4. Find the probability of spins on both spinners landing on white. Write the probability as a fraction and in words.

Test Prep

5. Two number cubes with the faces labeled 1–6 on each cube are rolled. Out of the possible outcomes of the rolls of both cubes, what is the probability that the sum is 6? Make a grid to help you.

   - A \( \frac{1}{2} \)
   - B \( \frac{5}{12} \)
   - C \( \frac{1}{6} \)
   - D \( \frac{5}{36} \)

6. Mary is deciding what to wear. She wants to choose between a red shirt and a green shirt, blue jeans or black jeans, and white shoes or orange shoes. What are all the different ways she can dress? Use a tree diagram or an organized list.