

Data Analysis and Probability

Write the probability as a fraction.

A fair spinner numbered 1–12 is spun once.

1 an even number _____

2 a multiple of 4 _____

3 a factor of 12 _____

4 a number divisible by 3 _____

A number card is picked from a bag in which there are 5 cards labeled 1, 5, 10, 25, and 50.

5 a number less than 25 _____

6 a number at least 25 _____

7 a number greater than 9 _____

8 a number greater than 50 _____

9 a number at least 1 _____

10 a number more than 1,
but less than 50 _____

Problem Solving

Use a strategy and solve. Explain how you got your answer.

11 Jackie hoped to save \$350 by the end of the school year. He saved \$30 each month from September through November, \$25 each month from December through February, and \$35 each month from March through May. How much does he need to save in June to reach his goal?

12 The school is painting its walls. The area to be painted is 40,000 square feet. The school ordered 1-gallon cans of paint. Each can of paint covers 400 square feet. Cans are packaged in cartons of 4. So far, the school has used 20 cartons. How many more cartons of paint will be needed?