Probability of Chance Events - Matching Worksheet

Write the letter of the answer that matches the problem.

1. Daniel has a bag with 9 shoes in it. 4 of the shoes are sport shoes. What is the relative frequency probability that a randomly selected shoe will be a sport shoe?
   a. 40%

2. Matthew has kites. There are three types of kites. Red kites, yellow kites and green kites. If the probability of getting a Red kite is \(\frac{3}{10}\) and the probability of getting yellow kite is \(\frac{5}{10}\), what is the relative frequency probability of getting green kite?
   b. 50%

3. Elijah has a fan store. He has 40 fans, of which 30 are table fans. What is the relative frequency probability that a randomly selected fan will be a table fan?
   c. 75%

4. Michael and Owen want to play Sudoku. They want to decide who plays first so they are flipping a coin. What is the relative frequency probability of a coin flip?
   d. 44.44%

5. Alexon plays dice games. If he rolls a 6-sided die. What is the probability he get a 2?
   e. 25%

6. Jack goes to the market and purchases some vegetables. There are 20 vegetables including 5 cabbages. What is the relative frequency probability that a randomly selected vegetable will be a cabbage?
   f. 16.67%

7. Abigail arranges a party. There are 30 bowls of soup at the party, 12 of which contains chicken soup. What is the relative frequency probability that a randomly selected bowl will be chicken soup?
   g. 20%