Creating Probability Models - Matching Worksheet

Match the word problems to their answers. Write the letter of the answer that matches the problem.

_____ 1. Corbin has pens. There are three types of pens: red, black and blue. If the probability of getting a red pen is $\frac{4}{10}$ and the probability of getting black is $\frac{5}{10}$, what is the probability of getting blue?

a. $\frac{29}{50}$

_____ 2. Derek arranges a sweet sixteen party. There are 50 balloons at the party. 29 of the balloons are blue. What is the probability that a randomly selected balloon will be blue?

b. $\frac{1}{6}$

_____ 3. Omer goes to the market and purchases some gum. There are 15 pieces of gum, including of 7 mango pieces. What is the probability that a randomly selected piece of gum will be a mango flavored?

c. $\frac{10}{25}$

_____ 4. If a 6-sided die is rolled, what is the probability to get a 3?

d. $\frac{1}{10}$

_____ 5. Jillian and Poppy want to play Candy Land. They want to decide who goes first, so they flip a coin. What is the probability of heads?

e. $\frac{7}{15}$

_____ 6. Jordan goes to the market and purchases some flowers. There are 25 flowers, including 10 red roses. What is probability that a randomly selected flower will be a red rose?

f. $\frac{1}{2}$

_____ 7. Abigail prepares to feed a baseball team. There are 45 glasses of water setup, 15 of which contain lemon juice. What is the probability that a randomly selected glass of water will have lemon juice?

g. $\frac{15}{45}$