Name _____



Chance in Action

Directions: Read each story. Write the probability as a fraction in simplest form.

1. A bag contains 5 red counters, 3 blue counters, and 2 yellow counters. One counter is chosen at random. What is the probability of choosing a blue counter? _____

2. A fair number cube has faces numbered 1 through 6. It is rolled once. What is the probability of rolling a number greater than 4? _____

3. A spinner has 8 equal sections. Three sections are green, 2 are purple, 2 are orange, and 1 is white. What is the probability of landing on purple? _____

4. A box contains 4 star cards, 6 circle cards, and 5 square cards. One card is picked at random. What is the probability of picking a square card? _____

5. A fair spinner is divided into 10 equal sections numbered 1 through 10. What is the probability of landing on a multiple of 3? _____

6. A jar contains 7 black beads, 5 white beads, and 3 silver beads. One bead is selected at random. What is the probability of selecting a bead that is not black? _____

7. A fair number cube is rolled once. What is the probability of rolling an even number? _____

8. At a game booth, a bag contains 12 tokens. Four say WIN and the rest say TRY AGAIN. One token is drawn at random. What is the probability of drawing a WIN token? _____

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