Name _____



Probability Puzzle Hunt

Directions: Use the given probability to find each missing number of outcomes or objects.

1. A bag contains 20 counters. The probability of drawing a red counter is 3/10. How many red counters are in the bag? _____

2. A spinner has equal sections. Exactly 4 sections are blue. The probability of landing on blue is 1/3. How many sections does the spinner have in all? _____

3. A box contains 6 gold tokens and some silver tokens. The probability of drawing a gold token is 2/5. How many silver tokens are in the box? _____

4. A set contains 24 cards. Some cards have stars. The probability of drawing a star card is 3/8. How many star cards are there? _____

5. A prize bag contains 5 winning tickets and some losing tickets. The probability of drawing a winning ticket is 1/4. How many losing tickets are in the bag? _____

6. A spinner has 15 equal sections. The probability of landing on green is 2/5. How many green sections are on the spinner? _____

7. A jar contains 8 purple beads and some orange beads. The probability of choosing an orange bead is 1/3. How many orange beads are in the jar? _____

8. A box contains some prize cards and 18 regular cards. The probability of drawing a prize card is 1/4. How many prize cards are in the box? _____

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