Simple Probability

Int 1   **Unit 9**

There are 14 marbles in a jar. There are 6 green, 3 red, 1 blue, and 4 purple marbles. Find the fraction, decimal and percent of each probability.

1. P(green) _____ , _____, _____

3. P(purple) _____ , _____, _____

2. P(red or blue) _____ , _____, _____

4. P(green or blue) _____ , _____, _____

A shuffled deck of 24 cards is placed face-down on the table. It contains 8 hearts, 6 diamonds, 4 clubs and 6 spades. Find the fraction, decimal and percent of each probability.

5. P(diamond) _____ , _____, _____

7. P(spade) _____ , _____, _____

6. P(heart or diamond) _____ , _____, _____

8. P(club or spade) _____ , _____, _____

Alex has a jar of coins. He has 6 quarters, 7 dimes, 5 nickels and 12 pennies. Find the fraction, decimal and percent of each probability.

9. P(quarter or nickel) _____ , _____, _____

11. P(penny or dime) _____ , _____, _____

10. P(penny) _____ , _____, _____

12. P(quarter) _____ , _____, _____