Name: _____

Mutually Exclusive Events

Exercise 1: What is the probability of rolling a 2 or a 3 on a single die?

Exercise 2: What is the probability of getting a heads or tails from one flip of a coin?

Exercise 3: What is the probability that it is Wednesday or Saturday?

Exercise 4: A card is drawn from a standart 52-card deck. Tell whether the events A and B are inclusive or mutually exclusive. Then find P(A or B).
1) A: The card is red.
   B: The card is a 4.

2) A: The card is a face card.
   B: The card is a club.

3) A: The card is black.
   B: The card is red.

4) A: The card is less than 10.
   B: The card is a red face card.

5) A: The card is red.
   B: The card is not a diamond or a heart.

Exercise 5: A bag contains 8 red marbles, 12 blue marbles, and 17 green marbles. If one marble is randomly selected from the bag, what is the probability that the marble is red or green?

Grade 11