Practice with Probability: Lottery

If a lottery ball is randomly selected from a tumbler containing 36 balls numbered 1-36…

1.) What is the probability of selecting an even number? _____

2.) What is the probability of selecting an odd number? _____

3.) What is the probability of selecting a number **greater than** 12? _____

4.) What is the probability of selecting a number **less than** 21? _____

5.) What is the probability of selecting a multiple of 5? _____

6.) What is the probability of selecting a multiple of 12? _____

7.) What is the probability of selecting a number greater than 9 but less than 19? _____

8.) What is the probability of selecting any number other than 11, 22, or 33? _____

9.) What is the probability of selecting the number 31? _____

1.) What is the probability of selecting an even number? **1/2**

2.) What is the probability of selecting an odd number? **1/2**

3.) What is the probability of selecting a number **greater than** 12? **24/36 or 2/3**

4.) What is the probability of selecting a number **less than** 21? **20/36 or 5/9**

5.) What is the probability of selecting a multiple of 5? **7/36**

6.) What is the probability of selecting a multiple of 12? **3/36 or 1/12**

7.) What is the probability of selecting a number greater than 9 but less than 19? **9/36 or 1/4**

8.) What is the probability of selecting any number other than 11, 22, or 33? **33/36 or 11/12**

9.) What is the probability of selecting the number 31? **1/36**