

=== Experiment/Assignment #1 ===

Face value: 1 (The assigned weight:)	Face value: 2 (The assigned weight:)
Face value: 3 (The assigned weight:)	Face value: 4 (The assigned weight:)
Face value: 5 (The assigned weight:)	Face value: 6 (The assigned weight:)

=== Experiment/Assignment #2 ===

Face value: 1 (The assigned weight:)	Face value: 2 (The assigned weight:)
Face value: 3 (The assigned weight:)	Face value: 4 (The assigned weight:)
Face value: 5 (The assigned weight:)	Face value: 6 (The assigned weight:)

=== Experiment/Assignment #3 ===

Face value: 1 Face color: Red (The assigned weight:)	Face value: 2 Face color: Red (The assigned weight:)
Face value: 3 Face color: Blue (The assigned weight:)	Face value: 4 Face color: White (The assigned weight:)
Face value: 5 Face color: White (The assigned weight:)	Face value: 6 Face color: Green (The assigned weight:)

Questions to answer:

1. What is the probability of the outcome being 3?
2. What is the probability that the outcome is an even number?
3. What is the probability that the outcome is a prime number? (1 is NOT a prime; The smallest prime number is 2.)
4. What is the probability that “the outcome is a prime number” AND the color is NOT White”?
5. What is the probability that “the outcome is a prime number” OR the color is NOT White”?
6. What is the probability that “the outcome is a prime number and is even” OR the color is NOT White”?
7. What is the “average” outcome of the die?