### **Easy Quiz: Multiplying Decimals**

**1. What is 2.5 x 4?** A. 10  
 B. 12  
 C. 8  
 D. 6

**2. What is 1.2 x 3?** A. 3.6  
 B. 2.4  
 C. 4.2  
 D. 5.0

**3. What is 0.5 x 6?** A. 2.5  
 B. 3.0  
 C. 4.0  
 D. 5.0

**4. What is 3.1 x 2?** A. 5.1  
 B. 6.2  
 C. 7.1  
 D. 8.0

**5. What is 0.9 x 10?** A. 8.1  
 B. 9.0  
 C. 10.0  
 D. 11.0

**Easy Quiz Answers:**

1. A
2. A
3. A
4. B
5. B

### **Hard Quiz: Multiplying Decimals**

**1. What is 4.56 x 2.3?** A. 10.488  
 B. 11.088  
 C. 10.4888  
 D. 11.0888

**2. What is 7.89 x 1.2?** A. 9.468  
 B. 8.568  
 C. 10.468  
 D. 9.568

**3. What is 3.75 x 4.2?** A. 15.75  
 B. 16.25  
 C. 15.75  
 D. 14.75

**4. What is 5.67 x 0.8?** A. 4.536  
 B. 4.5360  
 C. 4.53600  
 D. 4.536000

**5. What is 2.34 x 3.6?** A. 8.424  
 B. 8.4240  
 C. 8.42400  
 D. 8.424000

**Hard Quiz Answers:**

1. A
2. A
3. A
4. A
5. A

### **Easy Quiz: Probability Basics**

1. What is the probability of rolling a 3 on a standard six-sided die? A. 1/6  
    B. 1/3  
    C. 1/2  
    D. 1/4
2. If you flip a coin, what is the probability of getting heads? A. 1/4  
    B. 1/2  
    C. 1/3  
    D. 1/5
3. In a deck of 52 playing cards, what is the probability of drawing a heart? A. 1/4  
    B. 1/2  
    C. 1/13  
    D. 1/26
4. What is the probability of getting an even number when rolling a standard six-sided die? A. 1/6  
    B. 1/3  
    C. 1/2  
    D. 1/4
5. If you have a bag with 3 red balls and 2 blue balls, what is the probability of drawing a red ball? A. 2/5  
    B. 3/5  
    C. 1/2  
    D. 1/3

**Easy Quiz Answers:**

1. A
2. B
3. A
4. C
5. B

### **Hard Quiz: Advanced Probability Concepts**

1. A box contains 5 red, 3 blue, and 2 green marbles. What is the probability of randomly selecting a blue marble? A. 1/5  
    B. 3/10  
    C. 1/3  
    D. 1/2
2. If two dice are rolled, what is the probability that the sum of the numbers is 7? A. 1/6  
    B. 1/12  
    C. 1/36  
    D. 5/36
3. In a class of 30 students, 18 are girls. If a student is chosen at random, what is the probability that the student is a boy? A. 3/5  
    B. 1/3  
    C. 2/5  
    D. 1/2
4. A card is drawn from a standard deck of 52 cards. What is the probability that it is either a queen or a heart? A. 4/52  
    B. 16/52  
    C. 12/52  
    D. 1/4
5. A bag contains 4 white, 5 black, and 6 yellow balls. If one ball is drawn at random, what is the probability that it is not black? A. 5/15  
    B. 11/15  
    C. 1/3  
    D. 1/5

**Hard Quiz Answers:** 1.B 2.A 3.C 4.B 5.