STIRLING TUITION

Q3 (Probability) Day 62 Name: _____

1. I have **1 six-sided dice**. What is the **probability** that I will roll an **even total**? Write your answer as a **fraction** in the space below.

_____

2. I have **1 six-sided dice**. What is the **probability** that I will roll an **odd total**? Write your answer as a **fraction** in the space below.

_____

3. I have **1 six-sided dice**. What is the **probability** that I will roll a **prime number total**? Write your answer as a **fraction** in the space below.

_____

4. I have **2 six-sided dice**. **I roll them together**. What is the **probability** that I will roll an **even total**? Write your answer as a **fraction** in the space below.

_____

5. I have **2 six-sided dice**. **I roll them together**. What is the **probability** that I will roll an **odd total**? Write your answer as a **fraction** in the space below.

_____

6. I have **2 six-sided dice**. **I roll them together**. What is the **probability** that I will roll a **square number total**? Write your answer as a **fraction** in the space below.

_____

7. I have **3 six-sided dice**. **I roll them together**. What is the **probability** that I will roll an **even total**? Write your answer as a **fraction** in the space below.

_____

8. I have **3 six-sided dice**. **I roll them together**. What is the **probability** that I will roll an **odd total**? Write your answer as a **fraction** in the space below.

_____

9. I have **3 six-sided dice**. **I roll them together**. What is the **probability** that I will roll a **triangular number total**? Write your answer as a **fraction** in the space below.

_____

10. I have **4 six-sided dice**. **I roll them together**. What is the **probability** that I will roll an **even total**? Write your answer as a **fraction** in the space below.

_____

11. I have **4 six-sided dice**. **I roll them together**. What is the **probability** that I will roll an **odd total**? Write your answer as a **fraction** in the space below.

_____

12. I have **4 six-sided dice**. **I roll them together**. What is the **probability** that I will roll a **cubed number total**? Write your answer as a **fraction** in the space below.

_____

STIRLING TUITION

Answers

1. **3/6 or ½**
2. **3/6 or ½**
3. **3/6 or ½**
4. **6/11**
5. **5/11**
6. **2/11**
7. **8/16 or 4/8 or 2/4 or ½**
8. **8/16 or 4/8 or 2/4 or ½**
9. **4/16 or 2/8 or ¼**
10. **11/21**
11. **10/21**
12. **1/21**