Lesson 37: Quiz 1 - Multiplication of Fractions

Solve the following problems using multiplication of fractions. Make sure to reduce your answers to lowest terms if needed.

Example: \( \frac{1}{3} \times \frac{2}{5} = \frac{2}{15} \)

Remember to use the slash key(\(\)) to separate the numerator and denominator for your answer. For our example, you would record your answer as 2/15.

1) \( \frac{3}{4} \times \frac{2}{3} = \) _______

2) \( \frac{3}{4} \times \frac{1}{3} = \) _______

3) \( \frac{2}{5} \times \frac{1}{2} = \) _______

4) \( \frac{1}{6} \times \frac{2}{3} \times \frac{1}{2} = \) _______

5) \( \frac{5}{6} \times \frac{2}{3} = \) _______

6) \( \frac{1}{4} \times \frac{3}{5} \times \frac{2}{3} = \) _______

7) \( \frac{3}{10} \times \frac{4}{7} \times \frac{1}{2} = \) _______

Follow these easy steps to multiply fractions:
1. Multiply numerators by numerators only.
2. Then, multiply denominators by denominators only.
3. Reduce the answer to lowest terms if needed.