

**Math Review #1**

1. Use the Order of Operations to solve.

$$7 + 8(3^2 - 2)$$

2. Find the sum.

$$\begin{array}{r} 45.89 \\ + 6.09 \\ \hline \end{array}$$

3. What number does  $N$  equal?

$$\frac{2}{3} \div \frac{3}{10} = N$$

$$N \times \frac{3}{10} = \frac{2}{3}$$

4. What is the **Least Common Multiple (LCM)** of 8 and 12?

5. What is the **Greatest Common Factor (GCF)** of 36 and 54?

6. A string of red holiday lights blinks once every 3 seconds, while a string of blue lights blink once every 4 seconds. How many times will both sets of lights blink at the same time in 1 minute (60 seconds)?

7. Find the quotient.

$$\frac{6}{24} \div \frac{2}{8} =$$

8. A paper artist uses 18 paper squares for a collage. He uses 6 of them for the border. He then cuts the remaining paper squares into equal triangles, each  $\frac{1}{4}$  of a paper square. How many triangles does he cut?