

**Lesson: Pre-Algebra Fundamentals #2 A: Multiplying and Dividing Real Numbers****Problem**

1. Evaluate the following numeric expressions without using a calculator. (Reduce fractions to lowest terms and turn improper fractions into mixed numbers.)

1.  $4 \cdot 6$

2.  $8 \cdot (-8)$

3.  $-7 \cdot 7$

4.  $-4 \cdot (-9)$

5.  $5 \cdot (-9)$

6.  $-3 \cdot (-11)$

7.  $\frac{2}{3} \cdot \frac{4}{7}$

8.  $-\frac{3}{4} \cdot \frac{4}{6}$

9.  $\frac{2}{6} \cdot \left(-\frac{12}{4}\right)$

10.  $-\frac{4}{3} \cdot \left(-\frac{6}{4}\right)$

11.  $-\frac{5}{8} \cdot \frac{2}{3}$

12.  $-\frac{4}{5} \cdot \left(-\frac{6}{7}\right)$

13.  $15 \div 3$

14.  $28 \div (-4)$

15.  $-21 \div (-7)$

16.  $-18 \div 3$

17.  $40 \div (-4)$

18.  $-35 \div (-7)$

19.  $\frac{1}{3} \div \frac{2}{8}$

20.  $-\frac{5}{6} \div \frac{3}{2}$

21.  $\frac{3}{7} \div \left(-\frac{4}{6}\right)$

22.  $-\frac{1}{4} \div \left(-\frac{3}{12}\right)$

23.  $-\frac{5}{3} \div \frac{2}{6}$

24.  $-\frac{1}{2} \div \left(-\frac{2}{8}\right)$