

### Introduction to Multiplying Fractions

**Directions:** Refer to example problems 1 and 2 to help you complete the rest of the problems. You may compare answers with your table members.

$$1) -\frac{1}{9} \cdot \frac{11}{6} \quad \begin{array}{l} -1 \rightarrow 11 \\ 9 \rightarrow 6 \end{array} = \left( \frac{-11}{54} \right)$$

$$2) -\frac{5}{3} \cdot -\frac{5}{4} \quad \frac{-5 \cdot -5}{3 \cdot 4} = \frac{25}{12}$$

$$\left( 2\frac{1}{12} \right)$$

$$3) \frac{4}{3} \cdot -\frac{12}{7} \quad \left( -2\frac{2}{7} \right)$$

$$4) -\frac{4}{3} \cdot \frac{3}{4} \quad \left( -1 \right)$$

$$5) \frac{7}{4} \cdot -\frac{1}{5} \quad \left( -\frac{7}{20} \right)$$

$$6) -\frac{4}{3} \cdot -\frac{1}{2} \quad \left( \frac{2}{3} \right)$$

$$7) 3 \cdot -\frac{9}{5} \quad \left( -5\frac{2}{5} \right)$$

$$8) -\frac{3}{2} \cdot \frac{3}{10} \quad \left( -\frac{9}{20} \right)$$

$$9) -2 \cdot \frac{6}{5} \quad \left( -2\frac{2}{5} \right)$$

$$10) 2 \cdot -\frac{6}{7} \quad \left( -1\frac{5}{7} \right)$$