

Name: \_\_\_\_\_

Heatherwood Mathletes  
Warm-up Exercises: Purple Belt  
January 13, 2005

**Multiplication**

$$\begin{array}{r} 7 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 21 \\ \times 14 \\ \hline \end{array}$$

**Division (express fractions in simplest terms)**

$$15/3 =$$

$$\frac{42}{6} =$$

$$56 \div 7 =$$

**Fractions (express fractions in simplest terms)**

$$\frac{1}{4} + \frac{3}{4} =$$

$$\frac{1}{2} + \frac{1}{4} =$$

$$\frac{3}{4} - \frac{1}{4} =$$

$$\frac{1}{2} \times \frac{1}{2} =$$

$$\frac{2}{3} \times \frac{2}{5} =$$

$$1\frac{1}{2} \times \frac{1}{3} =$$