

Name: _____

Heatherwood Mathletes

Warm-up Exercises: Blue Belt Foundational Arithmetic
November 11, 2004

Multiplication

$$\begin{array}{r} 45 \\ \times 27 \\ \hline \end{array}$$

$$\begin{array}{r} 64 \\ \times 53 \\ \hline \end{array}$$

Division

$$8 \overline{) 96}$$

$$9 \overline{) 432}$$

$$7 \overline{) 644}$$

Convert Decimals to Fractions in Simplest Terms

$$0.1 =$$

$$0.25 =$$

$$0.48 =$$

Division (express fractions in simplest terms)

$$7/21 =$$

$$\frac{45}{15} =$$

$$62 \div 10 =$$

$$21 \div 5 =$$

Fractions (addition, subtraction, multiplication, division)

$$\frac{2}{3} + \frac{3}{4} =$$

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

$$\frac{3}{4} - \frac{1}{5} =$$

$$2\frac{3}{4} - 1\frac{1}{4} =$$

$$7\frac{1}{3} - 5\frac{2}{3} =$$

$$\frac{3}{4} \times \frac{2}{3} =$$

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

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

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

$$\frac{3/4}{1/2} =$$

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

$$\frac{2\frac{4}{5}}{1\frac{2}{3}} =$$

Exponents and Roots

$$3^2 =$$

$$4^3 =$$

$$\sqrt{36} =$$