

Name: _____

Heatherwood Mathletes
Warm-up Exercises: Yellow through Green Belts
November 6, 2003

Addition and Subtraction

$$\begin{array}{r} 23 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ - 13 \\ \hline \end{array}$$

$$\begin{array}{r} 68 \\ + 54 \\ \hline \end{array}$$

$$\begin{array}{r} 76 \\ - 29 \\ \hline \end{array}$$

Multiplication

$$\begin{array}{r} 4 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ \times 12 \\ \hline \end{array}$$

Division (express fractions in simplest terms)

$$9/3 =$$

$$\frac{24}{6} =$$

$$64 \div 8 =$$

$$32 \div 5 =$$

Fractions (express fractions in simplest terms)

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

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

$$\frac{1}{3} - \frac{1}{6} =$$

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

$$\frac{4}{5} \times \frac{2}{5} =$$

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

Word Problems

Problem 1. In one of the World Series games, Roger Clemens of the New York Yankees threw 76 strikes and 33 balls? How many pitches did he throw in all?

Problem 2. In a recent Denver Nuggets game, Carmelo Anthony made 5 of his 14 shots at the basket. How many shots did he miss?

Problem 3. What is the number that when you multiply it by 5 and add 24 you get 64?

Problem 4. A pack of 24 Heatherwood students come to a three-way fork in a road: left, middle, and right. Half go left and one-third of the remaining students go right. What fraction of the original number of students go straight? Did you need to know the number of students to answer this question?