

Name: _____

Heatherwood Mathletes
Home work: yellow belts, January 29, 2004

Addition

$$\begin{array}{r} 10 \\ +44 \\ \hline \end{array}$$

$$\begin{array}{r} 22 \\ +18 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ +27 \\ \hline \end{array}$$

$$\begin{array}{r} 74 \\ +58 \\ \hline \end{array}$$

$15 + 5 =$

$21 + 7 =$

$33 + 14 =$

$25 + 15 =$

Subtraction

$$\begin{array}{r} 54 \\ -44 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ -22 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ -27 \\ \hline \end{array}$$

$$\begin{array}{r} 132 \\ -74 \\ \hline \end{array}$$

$20 - 5 =$

$28 - 21 =$

$47 - 14 =$

$40 - 25 =$

Multiplication

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

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

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

$$\begin{array}{r} 5 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 5 \\ \hline \end{array}$$

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

Division

$\frac{6}{2} =$

$\frac{10}{5} =$

$\frac{20}{4} =$

$\frac{18}{3} =$

Fractions

$$\frac{3}{2} + \frac{7}{2} =$$

$$\frac{4}{5} + \frac{3}{5} =$$

$$\frac{9}{4} - \frac{3}{4} =$$

$$\frac{1}{6} + \frac{1}{6} =$$

$$\frac{2}{7} + \frac{3}{7} =$$

$$\frac{7}{5} + \frac{3}{5} =$$

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

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

Equations

$$\mathbf{X} + 4 = 12$$

$$\mathbf{Y} - 8 = 10$$

$$12 - \mathbf{X} = 10$$

$$14 + \mathbf{Y} = 24$$

$$\mathbf{X} =$$

$$\mathbf{Y} =$$

$$\mathbf{X} =$$

$$\mathbf{Y} =$$

Word problems (try to write an equation and to solve it)

Problem 1. In his drawer, Joshua has 5 white socks and 12 green socks. How many socks does Joshua have?

Problem 2. Joshua has 22 socks in his drawer. Half of the socks are white. The rest are green. How many green socks does Joshua have?

Problem 3. In his drawer, Joshua has 5 white socks and twice as much green socks. How many socks does Joshua have?

Problem 4. At a recent cleanup of the local stream, Susan picked up 15 pieces of trash and Sarah picked up 3 fewer pieces than Susan. How many pieces of trash did the girls pick up?

Problem 5. At a recent cleanup of the local stream, Susan picked up 10 pieces of trash and Sarah picked twice as much as Susan. How many pieces of trash did the girls pick up?