

Name: _____

Heatherwood Mathletes
Warm-up Exercises: White Belts
March 4, 2004

Addition and Subtraction

$$\begin{array}{r} 14 \\ + 11 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ + 15 \\ \hline \end{array}$$

$$\begin{array}{r} 28 \\ + 17 \\ \hline \end{array}$$

$$\begin{array}{r} 29 \\ + 23 \\ \hline \end{array}$$

$$\begin{array}{r} 19 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ - 11 \\ \hline \end{array}$$

$$\begin{array}{r} 21 \\ - 15 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ - 19 \\ \hline \end{array}$$

What's Wrong with the Solutions to the Following Word Problems?

Problem 1. Grace gets 4 hits in the baseball game. Connor gets half as many as Grace. Caitlin gets twice as many hits as Connor. How many hits do Grace, Connor, and Caitlin get all together?

$$\begin{array}{r} \text{Grace} \qquad \qquad \qquad 4 \text{ hits} \\ \text{Connor} \quad + 4/2 = 2 \text{ hits} \\ \text{Caitlin} \quad + 2 \times 4 = 8 \text{ hits} \\ \hline \qquad \qquad \qquad 14 \text{ hits} \end{array}$$

Problem 2. While driving to the Mathletes meeting, Coach Dave drives the speed limit of 35 mph. Coach Jeanne passes Coach Dave going 50 mph. How much faster than Coach Dave is Coach Jeanne driving?

$$\begin{array}{r} \text{Coach Jeanne} \quad 50 \text{ mph} \\ \text{Coach Dave} \quad + 35 \text{ mph} \\ \hline \qquad \qquad \qquad 85 \text{ mph} \end{array}$$