Name: _____

Heatherwood Mathletes

Warm-up Exercises: Introductory and Intermediate
October 23, 2003

Introductory Problems

Addition and Subtraction

12	8	87	85
+ 7	-3	+45	-47

Multiplication

3	5	7	12
× 2	×4	×6	× 9

Word Problems

Introductory Problem 1. Jack has four oranges and Jill has five oranges. How many oranges total do Jack and Jill have?

Introductory Problem 2. Jack has four oranges and Jill has four times as many oranges as Jack. How many oranges total do Jack and Jill have?

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Intermediate Problems

Division (express fractions in simplest terms)

$4/2 =$ $\frac{20}{5} =$ $60 \div 10 =$ $16 \div 5 =$

Fractions (express fractions in simplest terms)

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

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

Word Problems

Intermediate Problem 1. The total number of oranges that Jack and Jill have together is 45. How many oranges does Jack have if he has half as many as Jill?

Intermediate Problem 2. (52.1) When 24 is added to a number, the result is the same as when the number is multiplied by 3. What is the number?