

Heatherwood Mathletes  
Green and Orange Belt Home Exercises  
February 12, 2004

Name \_\_\_\_\_

Date \_\_\_\_\_

# SuperKids Math Worksheet

## Addition and Subtraction using numbers between 12 and 500

$$\begin{array}{r} 144 \\ + 23 \\ \hline \end{array}$$

$$\begin{array}{r} 176 \\ + 117 \\ \hline \end{array}$$

$$\begin{array}{r} 140 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} 152 \\ + 95 \\ \hline \end{array}$$

$$\begin{array}{r} 209 \\ - 205 \\ \hline \end{array}$$

$$\begin{array}{r} 487 \\ + 19 \\ \hline \end{array}$$

$$\begin{array}{r} 312 \\ - 162 \\ \hline \end{array}$$

$$\begin{array}{r} 214 \\ + 131 \\ \hline \end{array}$$

$$\begin{array}{r} 227 \\ + 37 \\ \hline \end{array}$$

$$\begin{array}{r} 198 \\ + 128 \\ \hline \end{array}$$

$$\begin{array}{r} 273 \\ - 38 \\ \hline \end{array}$$

$$\begin{array}{r} 65 \\ + 64 \\ \hline \end{array}$$

$$\begin{array}{r} 210 \\ - 159 \\ \hline \end{array}$$

$$\begin{array}{r} 228 \\ + 77 \\ \hline \end{array}$$

$$\begin{array}{r} 416 \\ + 285 \\ \hline \end{array}$$

$$\begin{array}{r} 375 \\ - 268 \\ \hline \end{array}$$

$$\begin{array}{r} 489 \\ - 377 \\ \hline \end{array}$$

$$\begin{array}{r} 400 \\ - 112 \\ \hline \end{array}$$

$$\begin{array}{r} 461 \\ - 386 \\ \hline \end{array}$$

$$\begin{array}{r} 105 \\ - 98 \\ \hline \end{array}$$

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# SuperKids Math Worksheet

## Horizontal Multiplication Equations with numbers between 4 and 12

$9 \times 7 =$

$10 \times 8 =$

$11 \times 12 =$

$8 \times 10 =$

$5 \times 7 =$

$7 \times 9 =$

$8 \times 6 =$

$5 \times 7 =$

$5 \times 12 =$

$4 \times 10 =$

$8 \times 6 =$

$8 \times 12 =$

$5 \times 9 =$

$7 \times 5 =$

$5 \times 4 =$

$10 \times 11 =$

$5 \times 4 =$

$9 \times 7 =$

$9 \times 7 =$

$5 \times 11 =$

$12 \times 7 =$

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# SuperKids Math Worksheet

## Multiplication using numbers between 8 and 50

$$\begin{array}{r} 42 \\ \times 31 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ \times 32 \\ \hline \end{array}$$

$$\begin{array}{r} 29 \\ \times 19 \\ \hline \end{array}$$

$$\begin{array}{r} 44 \\ \times 21 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ \times 40 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ \times 16 \\ \hline \end{array}$$

$$\begin{array}{r} 31 \\ \times 14 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ \times 15 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ \times 18 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} 31 \\ \times 29 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ \times 26 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ \times 27 \\ \hline \end{array}$$

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# SuperKids Math Worksheet

## Division with Integer Answers using divisors between 2 and 10

$$7 \overline{)49}$$

$$8 \overline{)16}$$

$$5 \overline{)50}$$

$$7 \overline{)77}$$

$$5 \overline{)90}$$

$$7 \overline{)7}$$

$$7 \overline{)70}$$

$$8 \overline{)24}$$

$$9 \overline{)18}$$

$$8 \overline{)56}$$

$$5 \overline{)25}$$

$$8 \overline{)48}$$

$$7 \overline{)98}$$

$$4 \overline{)20}$$

$$2 \overline{)70}$$

Create Answer Sheet #76942

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# SuperKids Math Worksheet

## Addition Problems with Fractions

$$\frac{4}{4} + \frac{4}{8} =$$

$$\frac{6}{4} + \frac{7}{8} =$$

$$\frac{8}{5} + \frac{4}{4} =$$

$$\frac{3}{2} + \frac{3}{6} =$$

$$\frac{8}{6} + \frac{2}{6} =$$

$$\frac{8}{4} + \frac{6}{8} =$$

$$\frac{7}{6} + \frac{6}{6} =$$

$$\frac{6}{2} + \frac{8}{8} =$$

$$\frac{5}{6} + \frac{4}{7} =$$

$$\frac{6}{7} + \frac{8}{8} =$$

$$\frac{8}{5} + \frac{3}{3} =$$

$$\frac{7}{7} + \frac{2}{8} =$$

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# SuperKids Math Worksheet

## Multiplication Problems with Fractions

$$\frac{7}{8} \times \frac{7}{7} =$$

$$\frac{2}{7} \times \frac{4}{5} =$$

$$\frac{4}{7} \times \frac{8}{8} =$$

$$\frac{4}{5} \times \frac{6}{6} =$$

$$\frac{6}{6} \times \frac{2}{3} =$$

$$\frac{3}{3} \times \frac{5}{5} =$$

$$\frac{4}{6} \times \frac{4}{4} =$$

$$\frac{6}{8} \times \frac{7}{8} =$$

$$\frac{6}{7} \times \frac{5}{5} =$$

$$\frac{3}{7} \times \frac{4}{5} =$$

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

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

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# SuperKids Math Worksheet

## Division Problems with Fractions

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

$$\frac{2}{4} \div \frac{4}{4} =$$

$$\frac{2}{3} \div \frac{6}{8} =$$

$$\frac{5}{7} \div \frac{8}{8} =$$

$$\frac{2}{3} \div \frac{8}{8} =$$

$$\frac{6}{8} \div \frac{7}{7} =$$

$$\frac{5}{5} \div \frac{7}{7} =$$

$$\frac{5}{8} \div \frac{2}{8} =$$

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

$$\frac{6}{7} \div \frac{3}{4} =$$

$$\frac{5}{6} \div \frac{4}{5} =$$

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

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## Algebra Practice Problems

Name: \_\_\_\_\_

Date: \_\_\_\_\_

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Worksheet generated at **www.math.com**

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1.)  $x + 2 = 11$

2.)  $x / 4 = 6$

3.)  $5x + 8 = 13$

4.)  $5x + 8 = 58$

5.)  $7x + 4 = 46$

6.)  $5 + 3x = 26$

7.)  $7x + 4 + 6x = 56$

8.)  $8 + 6x + 5x = 140$

9.)  $4(7x + 2) = 232$

10.)  $6(4x + 4) = 312$

11.)  $6(4x + 8) = 192$

12.)  $6(4x + 9) = 126$

13.)  $7(6x + 2) = 308$

14.)  $7(9 + 6x) = 525$

1. In the first year of production a play sells 1572 tickets, in its second year it sells 1753 tickets, in its third year it sells 152 less than in its second year. How many tickets are sold in 3 years?

2. There are eight Christmas trees in the lobby of the Cheryl Hotel. Each tree has seven dozen lights. How many lights is that in all?

3. A round wheel with a circumference of 37 cm rolls at a constant speed of 3 revolutions per second. How far does the axle of the wheel move in 8 seconds?

4. You've heard that the coldest temperature ever recorded has been -90 degrees Centigrade at the Soviet station Vostok in Antarctica a few years ago. How much is this in degrees Fahrenheit? (To convert to Fahrenheit multiply by  $9/5$  and then add 32. Remember that when you multiply a negative number by a positive number the result will be negative.)

5. Daisy is driving from Maryville to a country fair in Yorkville. After driving for two hours at an average speed of 70 kilometers per hour, she still has 80 kilometers left to travel. What is the distance between the two towns, in kilometers?

6. A bacterium splits in half after 20 minutes, so that after 20 minutes there are 2 bacteria, and after 40 minutes there are 4 bacteria. How many bacteria will there be after 1 hour and 20 minutes? After 2 hours?

7.

My towing rope was cut in half and half was thrown away.  
The other half was cut again one third along the way.  
The longer part (ten metres length) is what I use today.  
But how long was my towing rope before this cutting fray?

8. Eight times a number plus 3 times the number is the same as 20 more than 9 times the number. Find the number.

9. A number is divided by 2 and the result multiplied by  $\frac{1}{3}$ . The result is then squared and 1 is added. The result of these operations is 50. What is the number?

10. A man is 30 years older than his youngest son. In 17 years he will be twice his son's age. How old is the son?