

Heatherwood Mathletes  
Green and Orange Belt Home Exercises  
January 15, 2004

Name \_\_\_\_\_

Date \_\_\_\_\_

# SuperKids Math Worksheet

## Addition and Subtraction using numbers between 20 and 500

$$\begin{array}{r} 300 \\ - 271 \\ \hline \end{array}$$

$$\begin{array}{r} 114 \\ - 103 \\ \hline \end{array}$$

$$\begin{array}{r} 97 \\ + 35 \\ \hline \end{array}$$

$$\begin{array}{r} 255 \\ - 152 \\ \hline \end{array}$$

$$\begin{array}{r} 234 \\ - 190 \\ \hline \end{array}$$

$$\begin{array}{r} 285 \\ - 66 \\ \hline \end{array}$$

$$\begin{array}{r} 269 \\ + 247 \\ \hline \end{array}$$

$$\begin{array}{r} 207 \\ - 98 \\ \hline \end{array}$$

$$\begin{array}{r} 450 \\ + 254 \\ \hline \end{array}$$

$$\begin{array}{r} 187 \\ - 26 \\ \hline \end{array}$$

$$\begin{array}{r} 319 \\ - 161 \\ \hline \end{array}$$

$$\begin{array}{r} 389 \\ - 76 \\ \hline \end{array}$$

$$\begin{array}{r} 280 \\ + 163 \\ \hline \end{array}$$

$$\begin{array}{r} 224 \\ - 83 \\ \hline \end{array}$$

$$\begin{array}{r} 481 \\ - 341 \\ \hline \end{array}$$

$$\begin{array}{r} 479 \\ - 319 \\ \hline \end{array}$$

$$\begin{array}{r} 439 \\ + 76 \\ \hline \end{array}$$

$$\begin{array}{r} 141 \\ - 121 \\ \hline \end{array}$$

$$\begin{array}{r} 59 \\ + 40 \\ \hline \end{array}$$

$$\begin{array}{r} 153 \\ - 104 \\ \hline \end{array}$$

[Create Answer Sheet #88428](#)Make your own SuperKids Math Worksheets at: <http://www.superkids.com/aweb/tools/math/>

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# SuperKids Math Worksheet

## Addition

$$\begin{array}{r} 0.09 \\ + 0.04 \\ \hline \end{array}$$

$$\begin{array}{r} 1.72 \\ + 0.02 \\ \hline \end{array}$$

$$\begin{array}{r} 1.79 \\ + 0.90 \\ \hline \end{array}$$

$$\begin{array}{r} 0.95 \\ + 0.11 \\ \hline \end{array}$$

$$\begin{array}{r} 1.70 \\ + 0.10 \\ \hline \end{array}$$

$$\begin{array}{r} 0.13 \\ + 0.09 \\ \hline \end{array}$$

$$\begin{array}{r} 0.39 \\ + 0.01 \\ \hline \end{array}$$

$$\begin{array}{r} 1.41 \\ + 0.51 \\ \hline \end{array}$$

$$\begin{array}{r} 0.12 \\ + 0.03 \\ \hline \end{array}$$

$$\begin{array}{r} 0.61 \\ + 0.02 \\ \hline \end{array}$$

$$\begin{array}{r} 1.51 \\ + 0.77 \\ \hline \end{array}$$

$$\begin{array}{r} 1.00 \\ + 0.51 \\ \hline \end{array}$$

$$\begin{array}{r} 1.51 \\ + 0.67 \\ \hline \end{array}$$

$$\begin{array}{r} 0.60 \\ + 0.18 \\ \hline \end{array}$$

$$\begin{array}{r} 1.87 \\ + 1.04 \\ \hline \end{array}$$

$$\begin{array}{r} 1.22 \\ + 0.93 \\ \hline \end{array}$$

$$\begin{array}{r} 1.68 \\ + 1.06 \\ \hline \end{array}$$

$$\begin{array}{r} 0.48 \\ + 0.39 \\ \hline \end{array}$$

$$\begin{array}{r} 1.99 \\ + 0.68 \\ \hline \end{array}$$

$$\begin{array}{r} 0.68 \\ + 0.17 \\ \hline \end{array}$$

$$\begin{array}{r} 0.59 \\ + 0.59 \\ \hline \end{array}$$

$$\begin{array}{r} 1.19 \\ + 0.48 \\ \hline \end{array}$$

$$\begin{array}{r} 0.28 \\ + 0.15 \\ \hline \end{array}$$

$$\begin{array}{r} 0.65 \\ + 0.07 \\ \hline \end{array}$$

$$\begin{array}{r} 1.46 \\ + 0.76 \\ \hline \end{array}$$

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# SuperKids Math Worksheet

## Multiplication using numbers between 8 and 50

$$\begin{array}{r} 45 \\ \times 15 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ \times 13 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ \times 35 \\ \hline \end{array}$$

$$\begin{array}{r} 37 \\ \times 36 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ \times 17 \\ \hline \end{array}$$

$$\begin{array}{r} 38 \\ \times 32 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ \times 38 \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ \times 38 \\ \hline \end{array}$$

$$\begin{array}{r} 44 \\ \times 39 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} 19 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 21 \\ \times 20 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 31 \\ \times 30 \\ \hline \end{array}$$

$$\begin{array}{r} 27 \\ \times 21 \\ \hline \end{array}$$

$$\begin{array}{r} 21 \\ \times 17 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} 49 \\ \times 12 \\ \hline \end{array}$$

Create Answer Sheet #45375

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# SuperKids Math Worksheet

## Division with Integer Answers using divisors between 3 and 7

$$6 \overline{)36}$$

$$7 \overline{)28}$$

$$7 \overline{)84}$$

$$6 \overline{)6}$$

$$4 \overline{)8}$$

$$7 \overline{)28}$$

$$4 \overline{)28}$$

$$7 \overline{)70}$$

$$3 \overline{)24}$$

$$5 \overline{)90}$$

$$3 \overline{)30}$$

$$3 \overline{)66}$$

$$3 \overline{)48}$$

$$4 \overline{)80}$$

$$5 \overline{)100}$$

Create Answer Sheet #53417

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# SuperKids Math Worksheet

## Addition Problems with Fractions

$$\frac{3}{9} + \frac{4}{7} =$$

$$\frac{3}{9} + \frac{2}{6} =$$

$$\frac{5}{3} + \frac{3}{6} =$$

$$\frac{8}{3} + \frac{3}{6} =$$

$$\frac{4}{7} + \frac{5}{9} =$$

$$\frac{9}{4} + \frac{9}{9} =$$

$$\frac{6}{4} + \frac{3}{8} =$$

$$\frac{2}{6} + \frac{4}{7} =$$

Create Answer Sheet #86866

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# SuperKids Math Worksheet

## Subtraction Problems with Fractions

$$\frac{3}{6} - \frac{3}{9} =$$

$$\frac{3}{8} - \frac{3}{9} =$$

$$\frac{6}{8} - \frac{6}{9} =$$

$$\frac{4}{3} - \frac{9}{7} =$$

$$\frac{6}{3} - \frac{4}{4} =$$

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

$$\frac{2}{6} - \frac{2}{7} =$$

$$\frac{6}{3} - \frac{6}{4} =$$

Create Answer Sheet #69281

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# SuperKids Math Worksheet

## Multiplication Problems with Fractions

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

$$\frac{2}{9} \times \frac{8}{8} =$$

$$\frac{3}{2} \times \frac{6}{7} =$$

$$\frac{2}{2} \times \frac{8}{9} =$$

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

$$\frac{9}{4} \times \frac{9}{9} =$$

$$\frac{7}{2} \times \frac{6}{7} =$$

$$\frac{7}{6} \times \frac{5}{8} =$$

Create Answer Sheet #74178

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## Algebra Practice Problems

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

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

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

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1.)  $x - 6 = -13$

2.)  $x + 1 = 4$

3.)  $x / 7 = 2$

4.)  $-6 - 5x = -61$

5.)  $-3x - 2 = -35$

6.)  $2x + 6 = 14$

7.)  $-1 - 4x = 19$

8.)  $-5x - 9 = -59$

9.)  $3x + 5 - 2x = 14$

10.)  $2x + 9 + 5x = -40$

11.)  $3x + 6 = 5x + 16$

12.)  $5 + x = 4x + 17$

13.)  $-3(4 + 6x) = -102$

14.)  $7(8 + 3x) = -154$

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## Translating Verbal Statements into Equations

(Answer ID # 0394006)

**Express each of the following problems algebraically.**

**(Hint: Use  $n$  as the unknown number and create an equation from the problem.)**

1. two times a number, less 6 is 6 <b><math>2n - 6 = 6</math></b>	2. The sum of 80 and a number is 121	3. 15 less than the product of 7 and a number is 20
4. 12 less than twice a number is -8	5. The sum of a number and two times the same number is 24	6. 50 less than a number equals -29
7. 4 less than a number equals 57	8. four less than ten times a number is 16	9. two times a number equals 22
10. One-fourth of a number is 16	11. seven times the sum of a number and 4 is 105	12. nine times a number added to 6 is 96
13. 9 more than 2 times a number is 13	14. The sum of 6 and the product of 4 and a number is 30	15. A number minus 3 is 30
16. The product of 1 and a number is 4	17. A number increased by 63 is 99	18. Twice the sum of a certain number and 88 is 180
19. 6 more than 2 times a number is 30	20. The sum of 7 and the product of 4 and a number is 27	21. A number increased by 26 is 77
22. One-sixth of a number is 48	23. six less than twelve times a number is 66	24. The sum of a number and nine times the same number is 30
25. Twice the sum of a certain number and 59 is 134	26. ten times a number added to 12 is 112	27. A number minus 27 is 0
28. twelve times a number equals 108	29. two times a number, less 2 is 10	30. 15 less than twice a number is -11

## Algebra Practice Problems

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

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

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**Worksheet generated at [www.math.com](http://www.math.com)**

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1.) 
$$\begin{aligned} 3x + y &= 1 \\ 2x - y &= -1 \end{aligned}$$

2.) 
$$\begin{aligned} x + y &= 14 \\ 5x - y &= 28 \end{aligned}$$

3.) 
$$\begin{aligned} 4x + 2y &= 20 \\ 2x + 2y &= 10 \end{aligned}$$

4.) 
$$\begin{aligned} 3x + 2y &= 8 \\ 3x + 5y &= 20 \end{aligned}$$

5.) 
$$\begin{aligned} x + 5y &= 15 \\ 5x + y &= 3 \end{aligned}$$

6.) 
$$\begin{aligned} 4x + 4y &= 56 \\ 3x + 5y &= 56 \end{aligned}$$

Name \_\_\_\_\_



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## Algebra Review

(Answer ID # 0904869)

**Complete.**

1. One number is twenty-eight more than three times another number. If each number were multiplied by four, their difference would be 232. What are the numbers?

2. A number is three less than four times another number. Their sum is one hundred two. What are the numbers?

3. If the larger of two numbers were decreased by three hundred forty-nine, then the two numbers would be the same. The sum of the two numbers is 735. What are the numbers?

4. The larger of two numbers is six more than six times the smaller number. The larger number is also one hundred twenty-two more than two times the smaller number. What are the numbers?

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## Algebra Review

(Answer ID # 0451989)

**Complete.**

<p>1. There are three consecutive even integers. Half the sum of the second and third numbers is 35. What are the integers?</p>	<p>2. The sum of two consecutive integers is 65. What is the second number?</p>
<p>3. What are two consecutive integers, such that seven times the larger minus three times the smaller is 95?</p>	<p>4. The sum of four consecutive odd integers is -28,458,968. What is the second number?</p>