

Heatherwood Mathletes  
Blue Belt Home Exercises  
September 30, 2004

Name \_\_\_\_\_

Date \_\_\_\_\_

# SuperKids Math Worksheet

## Addition and Subtraction using numbers between 12 and 100

$$\begin{array}{r} 54 \\ + 25 \\ \hline \end{array}$$

$$\begin{array}{r} 66 \\ - 60 \\ \hline \end{array}$$

$$\begin{array}{r} 97 \\ + 85 \\ \hline \end{array}$$

$$\begin{array}{r} 85 \\ - 14 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} 59 \\ - 24 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ - 22 \\ \hline \end{array}$$

$$\begin{array}{r} 52 \\ - 44 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ - 26 \\ \hline \end{array}$$

$$\begin{array}{r} 61 \\ - 30 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ + 50 \\ \hline \end{array}$$

$$\begin{array}{r} 82 \\ - 66 \\ \hline \end{array}$$

$$\begin{array}{r} 85 \\ + 42 \\ \hline \end{array}$$

$$\begin{array}{r} 59 \\ - 49 \\ \hline \end{array}$$

$$\begin{array}{r} 90 \\ + 13 \\ \hline \end{array}$$

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## Subtraction

(Answer ID # 0922692)

Fill in the missing digits.

1. $\begin{array}{r} 4 \square \\ - \square 5 \\ \hline 25 \end{array}$	2. $\begin{array}{r} \square 2 \\ - 78 \\ \hline \square \end{array}$	3. $\begin{array}{r} 90 \\ - \square 8 \\ \hline 6\square \end{array}$
4. $\begin{array}{r} 59 \\ - \square 2 \\ \hline 4\square \end{array}$	5. $\begin{array}{r} \square 1 \\ - 36 \\ \hline 4\square \end{array}$	6. $\begin{array}{r} 6\square \\ - \square 6 \\ \hline 13 \end{array}$
7. $\begin{array}{r} 8\square \\ - 52 \\ \hline \square 6 \end{array}$	8. $\begin{array}{r} \square 7 \\ - 1\square \\ \hline 46 \end{array}$	9. $\begin{array}{r} 68 \\ - 4\square \\ \hline \square 6 \end{array}$
10. $\begin{array}{r} \square 6 \\ - 39 \\ \hline 2\square \end{array}$	11. $\begin{array}{r} \square 5 \\ - 3\square \\ \hline 19 \end{array}$	12. $\begin{array}{r} 40 \\ - \square 0 \\ \hline 3\square \end{array}$
13. $\begin{array}{r} 60 \\ - 4\square \\ \hline \square 8 \end{array}$	14. $\begin{array}{r} 61 \\ - \square 7 \\ \hline \square \end{array}$	15. $\begin{array}{r} \square \square \\ - 21 \\ \hline 56 \end{array}$
16. $\begin{array}{r} \square 2 \\ - 80 \\ \hline \square \end{array}$	17. $\begin{array}{r} 58 \\ - \square 2 \\ \hline 4\square \end{array}$	18. $\begin{array}{r} 4\square \\ - \square 3 \\ \hline 6 \end{array}$
19. $\begin{array}{r} \square \square \\ - 56 \\ \hline 20 \end{array}$	20. $\begin{array}{r} 95 \\ - 4\square \\ \hline \square 8 \end{array}$	21. $\begin{array}{r} 75 \\ - 1\square \\ \hline \square 1 \end{array}$

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# SuperKids Math Worksheet

## Multiplication using numbers between 20 and 100

$$\begin{array}{r} 98 \\ \times 78 \\ \hline \end{array}$$

$$\begin{array}{r} 73 \\ \times 21 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ \times 52 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ \times 35 \\ \hline \end{array}$$

$$\begin{array}{r} 39 \\ \times 38 \\ \hline \end{array}$$

$$\begin{array}{r} 28 \\ \times 24 \\ \hline \end{array}$$

$$\begin{array}{r} 91 \\ \times 25 \\ \hline \end{array}$$

$$\begin{array}{r} 89 \\ \times 84 \\ \hline \end{array}$$

$$\begin{array}{r} 89 \\ \times 56 \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ \times 22 \\ \hline \end{array}$$

$$\begin{array}{r} 37 \\ \times 32 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ \times 20 \\ \hline \end{array}$$

$$\begin{array}{r} 73 \\ \times 49 \\ \hline \end{array}$$

$$\begin{array}{r} 98 \\ \times 41 \\ \hline \end{array}$$

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

$$\begin{array}{r} 30 \\ \times 28 \\ \hline \end{array}$$

$$\begin{array}{r} 85 \\ \times 53 \\ \hline \end{array}$$

$$\begin{array}{r} 59 \\ \times 33 \\ \hline \end{array}$$

$$\begin{array}{r} 33 \\ \times 31 \\ \hline \end{array}$$

$$\begin{array}{r} 39 \\ \times 22 \\ \hline \end{array}$$

Create Answer Sheet #43473

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## Multiplication

(Answer ID # 0691124)

Fill in the missing number.

1. $\begin{array}{r} 8 \\ \times \square \\ \hline 80 \end{array}$	2. $\begin{array}{r} \square \\ \times 2 \\ \hline 4 \end{array}$	3. $\begin{array}{r} 9 \\ \times \square \\ \hline 81 \end{array}$	4. $\begin{array}{r} \square \\ \times 8 \\ \hline 80 \end{array}$	5. $\begin{array}{r} 3 \\ \times \square \\ \hline 15 \end{array}$
6. $\begin{array}{r} 4 \\ \times \square \\ \hline 24 \end{array}$	7. $\begin{array}{r} \square \\ \times 3 \\ \hline 18 \end{array}$	8. $\begin{array}{r} \square \\ \times 7 \\ \hline 49 \end{array}$	9. $\begin{array}{r} \square \\ \times 4 \\ \hline 20 \end{array}$	10. $\begin{array}{r} 10 \\ \times \square \\ \hline 40 \end{array}$
11. $\begin{array}{r} \square \\ \times 2 \\ \hline 10 \end{array}$	12. $\begin{array}{r} 2 \\ \times \square \\ \hline 16 \end{array}$	13. $\begin{array}{r} \square \\ \times 9 \\ \hline 81 \end{array}$	14. $\begin{array}{r} \square \\ \times 10 \\ \hline 40 \end{array}$	15. $\begin{array}{r} 7 \\ \times \square \\ \hline 21 \end{array}$
16. $\begin{array}{r} 6 \\ \times \square \\ \hline 36 \end{array}$	17. $\begin{array}{r} \square \\ \times 7 \\ \hline 56 \end{array}$	18. $\begin{array}{r} \square \\ \times 5 \\ \hline 10 \end{array}$	19. $\begin{array}{r} 10 \\ \times \square \\ \hline 20 \end{array}$	20. $\begin{array}{r} 3 \\ \times \square \\ \hline 30 \end{array}$
21. $\begin{array}{r} \square \\ \times 9 \\ \hline 72 \end{array}$	22. $\begin{array}{r} 5 \\ \times \square \\ \hline 30 \end{array}$	23. $\begin{array}{r} \square \\ \times 7 \\ \hline 63 \end{array}$	24. $\begin{array}{r} 4 \\ \times \square \\ \hline 16 \end{array}$	25. $\begin{array}{r} \square \\ \times 8 \\ \hline 56 \end{array}$
26. $\begin{array}{r} 4 \\ \times \square \\ \hline \end{array}$	27. $\begin{array}{r} 3 \\ \times \square \\ \hline \end{array}$	28. $\begin{array}{r} 6 \\ \times \square \\ \hline \end{array}$	29. $\begin{array}{r} \square \\ \times \square \\ \hline \end{array}$	30. $\begin{array}{r} \square \\ \times \square \\ \hline \end{array}$

$$\begin{array}{r} \times \square \\ \hline 28 \end{array}$$

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

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

$$\begin{array}{r} \times 10 \\ \hline 70 \end{array}$$

$$\begin{array}{r} \times 6 \\ \hline 48 \end{array}$$

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# SuperKids Math Worksheet

## Division with Integer Answers using divisors between 3 and 8

$$6 \overline{)60}$$

$$6 \overline{)6}$$

$$5 \overline{)15}$$

$$8 \overline{)64}$$

$$5 \overline{)70}$$

$$8 \overline{)24}$$

$$3 \overline{)39}$$

$$6 \overline{)42}$$

$$3 \overline{)84}$$

$$4 \overline{)12}$$

$$6 \overline{)60}$$

$$4 \overline{)36}$$

$$7 \overline{)49}$$

$$4 \overline{)4}$$

$$4 \overline{)32}$$

Create Answer Sheet #67311

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## Division

(Answer ID # 0143792)

**Divide.**

1. $4 \overline{)24}$	2. $5 \overline{)65}$	3. $6 \overline{)18}$	4. $5 \overline{)20}$
5. $3 \overline{)42}$	6. $2 \overline{)94}$	7. $3 \overline{)63}$	8. $5 \overline{)75}$
9. $2 \overline{)72}$	10. $2 \overline{)56}$	11. $2 \overline{)26}$	12. $9 \overline{)18}$
13. $7 \overline{)91}$	14. $9 \overline{)45}$	15. $4 \overline{)52}$	16. $4 \overline{)36}$
17. $8 \overline{)88}$	18. $8 \overline{)24}$	19. $5 \overline{)80}$	20. $2 \overline{)68}$
21. $9 \overline{)90}$	22. $5 \overline{)90}$	23. $3 \overline{)60}$	24. $4 \overline{)96}$
25. $7 \overline{)98}$	26. $7 \overline{)56}$	27. $9 \overline{)27}$	28. $3 \overline{)54}$
29. $5 \overline{)55}$	30. $5 \overline{)30}$	31. $6 \overline{)90}$	32. $5 \overline{)70}$

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## Prime and Composite Numbers

(Answer ID # 0844231)

**Classify each number as prime or composite.**

1. <b>20</b> <input type="checkbox"/> Prime <input type="checkbox"/> Composite	2. <b>25</b> <input type="checkbox"/> Prime <input type="checkbox"/> Composite	3. <b>41</b> <input type="checkbox"/> Prime <input type="checkbox"/> Composite	4. <b>26</b> <input type="checkbox"/> Prime <input type="checkbox"/> Composite
5. <b>23</b> <input type="checkbox"/> Prime <input type="checkbox"/> Composite	6. <b>24</b> <input type="checkbox"/> Prime <input type="checkbox"/> Composite	7. <b>30</b> <input type="checkbox"/> Prime <input type="checkbox"/> Composite	8. <b>59</b> <input type="checkbox"/> Prime <input type="checkbox"/> Composite
9. <b>47</b> <input type="checkbox"/> Prime <input type="checkbox"/> Composite	10. <b>27</b> <input type="checkbox"/> Prime <input type="checkbox"/> Composite	11. <b>28</b> <input type="checkbox"/> Prime <input type="checkbox"/> Composite	12. <b>80</b> <input type="checkbox"/> Prime <input type="checkbox"/> Composite
13. <b>98</b> <input type="checkbox"/> Prime <input type="checkbox"/> Composite	14. <b>52</b> <input type="checkbox"/> Prime <input type="checkbox"/> Composite	15. <b>54</b> <input type="checkbox"/> Prime <input type="checkbox"/> Composite	16. <b>53</b> <input type="checkbox"/> Prime <input type="checkbox"/> Composite
17. <b>13</b> <input type="checkbox"/> Prime <input type="checkbox"/> Composite	18. <b>64</b> <input type="checkbox"/> Prime <input type="checkbox"/> Composite	19. <b>73</b> <input type="checkbox"/> Prime <input type="checkbox"/> Composite	20. <b>4</b> <input type="checkbox"/> Prime <input type="checkbox"/> Composite
21. <b>85</b> <input type="checkbox"/> Prime <input type="checkbox"/> Composite	22. <b>71</b> <input type="checkbox"/> Prime <input type="checkbox"/> Composite	23. <b>55</b> <input type="checkbox"/> Prime <input type="checkbox"/> Composite	24. <b>94</b> <input type="checkbox"/> Prime <input type="checkbox"/> Composite
25. <b>79</b> <input type="checkbox"/> Prime <input type="checkbox"/> Composite	26. <b>76</b> <input type="checkbox"/> Prime <input type="checkbox"/> Composite	27. <b>88</b> <input type="checkbox"/> Prime <input type="checkbox"/> Composite	28. <b>92</b> <input type="checkbox"/> Prime <input type="checkbox"/> Composite
29. <b>97</b> <input type="checkbox"/> Prime <input type="checkbox"/> Composite	30. <b>63</b> <input type="checkbox"/> Prime <input type="checkbox"/> Composite	31. <b>91</b> <input type="checkbox"/> Prime <input type="checkbox"/> Composite	32. <b>87</b> <input type="checkbox"/> Prime <input type="checkbox"/> Composite
33. <b>31</b> <input type="checkbox"/> Prime <input type="checkbox"/> Composite	34. <b>42</b> <input type="checkbox"/> Prime <input type="checkbox"/> Composite	35. <b>67</b> <input type="checkbox"/> Prime <input type="checkbox"/> Composite	36. <b>56</b> <input type="checkbox"/> Prime <input type="checkbox"/> Composite

37. <b>48</b> <input type="checkbox"/> Prime <input type="checkbox"/> Composite	38. <b>3</b> <input type="checkbox"/> Prime <input type="checkbox"/> Composite	39. <b>21</b> <input type="checkbox"/> Prime <input type="checkbox"/> Composite	40. <b>66</b> <input type="checkbox"/> Prime <input type="checkbox"/> Composite
---------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------

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## Evaluate Expressions

(Answer ID # 0813131)

Complete by evaluating each expression.

1. $6r - 2$ for $r = 2$	2. $4s - 7$ for $s = 6$	3. $8w$ for $w = 8$
4. $7b$ for $b = 4$	5. $\frac{k}{4}$ for $k = 28$	6. $2a + 8$ for $a = 5$
7. $z \div 7 + 20$ for $z = 35$	8. $5j + 12$ for $j = 9$	9. $t \div 6$ for $t = 24$
10. $9f$ for $f = 2$	11. $3m + 14$ for $m = 3$	12. $8p + 26$ for $p = 8$
13. $2x$ for $x = 6$	14. $3v - 4$ for $v = 7$	15. $\frac{e}{3}$ for $e = 24$
16. $6c - 5$ for $c = 4$	17. $4h + 39$ for $h = 9$	18. $5q$ for $q = 4$
19. $\frac{g}{8} - 5$ for $g = 48$	20. $9y - 25$ for $y = 5$	21. $7d - 9$ for $d = 6$
22. $u \div 2 - 1$ for $u = 4$	23. $4n$ for $n = 7$	24. $2u + 6$ for $u = 3$
25. $7d$ for $d = 7$	26. $3w - 4$ for $w = 2$	27. $e \div 5 + 19$ for $e = 45$

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## Multiplication

(Answer ID # 0571648)

**Complete.**

<p>1. Sierra is making popcorn balls. She wants to make ten popcorn balls. It takes six cups of popcorn to make five popcorn balls. How many cups of popcorn will she need for ten popcorn balls?</p>	<p>2. Steven and his family are moving to a place west of our town. He promised to send me a letter every week. He said he will lie on his new bed and tell me all about his week. He will write at least three pages in each letter. If he is true to his word, how many pages will he write in a year? (Hint: 1 year = 52 weeks)</p>
<p>3. There was a major theft at our school. Someone broke in and stole two computers and four video players. It will cost \$1,141.00 to replace each computer and \$178.00 to replace each video player. How much will it cost to replace everything that was stolen?</p>	<p>4. Juanita's family took a vacation to Puerto Vallarta for a week. Juanita and her three sisters spent \$13 each day. How much money did Juanita and her sisters spend in one week?</p>
<p>5. Ikimoto and other students from his class are going to plant trees around the school. There are twenty-one students and three teachers who will help to do that, and each of them will plant two trees. How many trees will be planted around the school altogether?</p>	<p>6. I agree that we need to search for a better gift for Nicholas. I am sure that he would want something from the sporting goods store. We ended up buying him four fishing rods at \$16.00 per rod. How much money did we spend on Nicholas?</p>