

Heatherwood Mathletes
Blue Belt Home Exercises
October 14, 2004

Name _____



Date _____

Place Value

(Answer ID # 0389172)

Write each number in standard form.

1. ° sixty-four and four tenths	2. ° five hundred fifty-two thousandths
3. ° fifty-eight hundredths	4. ° nine and eight tenths
5. ° three hundred seventy-one thousandths	6. ° fourteen and seventy-four hundredths
7. ° sixty-five hundredths	8. ° seven and five tenths
9. ° one tenth	10. ° eight tenths
11. ° sixty-one and fifty-three hundredths	12. ° one hundred twenty-two thousandths
13. ° four and fifteen hundredths	14. ° seventy-six hundredths
15. ° two hundred eighty-three thousandths	16. ° two tenths
17. ° one and four hundred sixty thousandths	18. ° five tenths
19. ° thirty-five and two hundred eighty-one thousandths	20. ° ninety-four hundredths
21. ° seven tenths	22. ° five and five hundred sixteen thousandths
23. ° four tenths	24. ° fifty-four hundredths
25. ° forty-eight and nine tenths	26. ° five hundred fifty thousandths
27. ° sixty-seven hundredths	28. ° thirty and seventy-five hundredths
29. ° eight and eight hundred forty-five thousandths	30. ° fifty-two hundredths
31. ° forty-five and eight hundred eighteen thousandths	32. ° three and one tenth
33. ° nine hundred seventy-three thousandths	34. ° six and eight hundred ninety thousandths
35. ° ten hundredths	36. ° eighty-nine and fifty-seven hundredths
37. ° four hundred sixty-seven thousandths	38. ° fifteen hundredths
39. ° eighty-nine and seven hundred seventy-five thousandths	40. ° six hundred twenty-five thousandths

Name _____



Date _____

Multiplication

(Answer ID # 0927769)

Complete.

1. ^o $\begin{array}{r} 27 \\ \times 45 \\ \hline \end{array}$	2. ^o $\begin{array}{r} 27 \\ \times 75 \\ \hline \end{array}$	3. ^o $\begin{array}{r} 75 \\ \times 89 \\ \hline \end{array}$	4. ^o $\begin{array}{r} 98 \\ \times 56 \\ \hline \end{array}$	5. ^o $\begin{array}{r} 51 \\ \times 25 \\ \hline \end{array}$
6. ^o $\begin{array}{r} 71 \\ \times 84 \\ \hline \end{array}$	7. ^o $\begin{array}{r} 30 \\ \times 74 \\ \hline \end{array}$	8. ^o $\begin{array}{r} 91 \\ \times 57 \\ \hline \end{array}$	9. ^o $\begin{array}{r} 92 \\ \times 57 \\ \hline \end{array}$	10. ^o $\begin{array}{r} 60 \\ \times 17 \\ \hline \end{array}$
11. ^o $\begin{array}{r} 48 \\ \times 60 \\ \hline \end{array}$	12. ^o $\begin{array}{r} 38 \\ \times 89 \\ \hline \end{array}$	13. ^o $\begin{array}{r} 20 \\ \times 21 \\ \hline \end{array}$	14. ^o $\begin{array}{r} 49 \\ \times 92 \\ \hline \end{array}$	15. ^o $\begin{array}{r} 44 \\ \times 84 \\ \hline \end{array}$
16. ^o $\begin{array}{r} 85 \\ \times 75 \\ \hline \end{array}$	17. ^o $\begin{array}{r} 40 \\ \times 15 \\ \hline \end{array}$	18. ^o $\begin{array}{r} 18 \\ \times 59 \\ \hline \end{array}$	19. ^o $\begin{array}{r} 64 \\ \times 53 \\ \hline \end{array}$	20. ^o $\begin{array}{r} 76 \\ \times 62 \\ \hline \end{array}$
21. ^o $\begin{array}{r} 39 \\ \times 42 \\ \hline \end{array}$	22. ^o $\begin{array}{r} 72 \\ \times 96 \\ \hline \end{array}$	23. ^o $\begin{array}{r} 86 \\ \times 79 \\ \hline \end{array}$	24. ^o $\begin{array}{r} 67 \\ \times 51 \\ \hline \end{array}$	25. ^o $\begin{array}{r} 50 \\ \times 91 \\ \hline \end{array}$
26. ^o $\begin{array}{r} 95 \\ \times 51 \\ \hline \end{array}$	27. ^o $\begin{array}{r} 50 \\ \times 46 \\ \hline \end{array}$	28. ^o $\begin{array}{r} 19 \\ \times 99 \\ \hline \end{array}$	29. ^o $\begin{array}{r} 32 \\ \times 25 \\ \hline \end{array}$	30. ^o $\begin{array}{r} 41 \\ \times 47 \\ \hline \end{array}$

Name _____

Date _____

SuperKids Math Worksheet

Division with Integer Answers using divisors between 3 and 10

$$\begin{array}{r} \circ \circ \circ \circ \circ \\ 3 \circ \overline{)75} \end{array}$$

$$\begin{array}{r} \circ \circ \circ \circ \circ \\ 4 \circ \overline{)24} \end{array}$$

$$\begin{array}{r} \circ \circ \circ \circ \circ \\ 4 \circ \overline{)32} \end{array}$$

$$\begin{array}{r} \circ \circ \circ \circ \circ \\ 8 \circ \overline{)16} \end{array}$$

$$\begin{array}{r} \circ \circ \circ \circ \circ \\ 6 \circ \overline{)18} \end{array}$$

$$\begin{array}{r} \circ \circ \circ \circ \circ \\ 5 \circ \overline{)45} \end{array}$$

$$\begin{array}{r} \circ \circ \circ \circ \circ \\ 5 \circ \overline{)50} \end{array}$$

$$\begin{array}{r} \circ \circ \circ \circ \circ \\ 6 \circ \overline{)24} \end{array}$$

$$\begin{array}{r} \circ \circ \circ \circ \circ \\ 4 \circ \overline{)20} \end{array}$$

$$\begin{array}{r} \circ \circ \circ \circ \circ \\ 3 \circ \overline{)3} \end{array}$$

$$\begin{array}{r} \circ \circ \circ \circ \circ \\ 9 \circ \overline{)54} \end{array}$$

$$\begin{array}{r} \circ \circ \circ \circ \circ \\ 5 \circ \overline{)25} \end{array}$$

$$\begin{array}{r} \circ \circ \circ \circ \circ \\ 6 \circ \overline{)12} \end{array}$$

$$\begin{array}{r} \circ \circ \circ \circ \circ \\ 7 \circ \overline{)70} \end{array}$$

$$\begin{array}{r} \circ \circ \circ \circ \circ \\ 3 \circ \overline{)60} \end{array}$$

$$\begin{array}{r} \circ \circ \circ \circ \circ \\ 4 \circ \overline{)76} \end{array}$$

$$\begin{array}{r} \circ \circ \circ \circ \circ \\ 5 \circ \overline{)75} \end{array}$$

$$\begin{array}{r} \circ \circ \circ \circ \circ \\ 3 \circ \overline{)15} \end{array}$$

$$\begin{array}{r} \circ \circ \circ \circ \circ \\ 10 \circ \overline{)60} \end{array}$$

$$\begin{array}{r} \circ \circ \circ \circ \circ \\ 6 \circ \overline{)36} \end{array}$$

$$\begin{array}{r} \circ \circ \circ \circ \circ \\ 8 \circ \overline{)48} \end{array}$$

$$\begin{array}{r} \circ \circ \circ \circ \circ \\ 5 \circ \overline{)50} \end{array}$$

$$\begin{array}{r} \circ \circ \circ \circ \circ \\ 10 \circ \overline{)50} \end{array}$$

$$\begin{array}{r} \circ \circ \circ \circ \circ \\ 7 \circ \overline{)7} \end{array}$$

$$\begin{array}{r} \circ \circ \circ \circ \circ \\ 5 \circ \overline{)45} \end{array}$$

Name _____

Date _____

SuperKids Math Worksheet

Division with Integer Answers using divisors between 3 and 10

$$\begin{array}{r} \text{.} \\ 5^\circ \overline{)140} \\ \hline \end{array}$$

$$\begin{array}{r} \text{.} \\ 6^\circ \overline{)282} \\ \hline \end{array}$$

$$\begin{array}{r} \text{.} \\ 10^\circ \overline{)390} \\ \hline \end{array}$$

$$\begin{array}{r} \text{.} \\ 10^\circ \overline{)150} \\ \hline \end{array}$$

$$\begin{array}{r} \text{.} \\ 10^\circ \overline{)140} \\ \hline \end{array}$$

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$$\begin{array}{r} \text{.} \\ 6^\circ \overline{)42} \\ \hline \end{array}$$

$$\begin{array}{r} \text{.} \\ 6^\circ \overline{)438} \\ \hline \end{array}$$

$$\begin{array}{r} \text{.} \\ 5^\circ \overline{)415} \\ \hline \end{array}$$

$$\begin{array}{r} \text{.} \\ 10^\circ \overline{)150} \\ \hline \end{array}$$

$$\begin{array}{r} \text{.} \\ 7^\circ \overline{)378} \\ \hline \end{array}$$

o
o
o
o

$$\begin{array}{r} \text{.} \\ 5^\circ \overline{)205} \\ \hline \end{array}$$

$$\begin{array}{r} \text{.} \\ 9^\circ \overline{)9} \\ \hline \end{array}$$

$$\begin{array}{r} \text{.} \\ 5^\circ \overline{)490} \\ \hline \end{array}$$

$$\begin{array}{r} \text{.} \\ 9^\circ \overline{)495} \\ \hline \end{array}$$

$$\begin{array}{r} \text{.} \\ 7^\circ \overline{)455} \\ \hline \end{array}$$

o
o
o
o

$$\begin{array}{r} \text{.} \\ 8^\circ \overline{)152} \\ \hline \end{array}$$

$$\begin{array}{r} \text{.} \\ 4^\circ \overline{)500} \\ \hline \end{array}$$

$$\begin{array}{r} \text{.} \\ 4^\circ \overline{)312} \\ \hline \end{array}$$

$$\begin{array}{r} \text{.} \\ 7^\circ \overline{)238} \\ \hline \end{array}$$

$$\begin{array}{r} \text{.} \\ 9^\circ \overline{)324} \\ \hline \end{array}$$

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Create Answer Sheet #22030

Make your own SuperKids Math Worksheets at: <http://www.superkids.com/aweb/tools/math/>

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Name _____



Date _____

Fractions

(Answer ID # 0367165)

Write each fraction in simplest form.

1.°° $\frac{18}{36}$	2.°° $\frac{6}{20}$	3.°° $\frac{4}{28}$	4.°° $\frac{4}{8}$	5.°° $\frac{20}{45}$
6.°° $\frac{20}{44}$	7.°° $\frac{2}{11}$	8.°° $\frac{9}{30}$	9.°° $\frac{14}{42}$	10.°° $\frac{6}{16}$
11.°° $\frac{6}{42}$	12.°° $\frac{8}{24}$	13.°° $\frac{12}{36}$	14.°° $\frac{3}{11}$	15.°° $\frac{12}{30}$
16.°° $\frac{7}{42}$	17.°° $\frac{21}{49}$	18.°° $\frac{20}{48}$	19.°° $\frac{3}{8}$	20.°° $\frac{9}{24}$
21.°° $\frac{5}{50}$	22.°° $\frac{12}{24}$	23.°° $\frac{2}{9}$	24.°° $\frac{15}{33}$	25.°° $\frac{12}{42}$
26.°° $\frac{5}{10}$	27.°° $\frac{8}{22}$	28.°° $\frac{10}{45}$	29.°° $\frac{18}{48}$	30.°° $\frac{21}{42}$
31.°° $\frac{8}{18}$	32.°° $\frac{4}{48}$	33.°° $\frac{6}{18}$	34.°° $\frac{24}{48}$	35.°° $\frac{4}{10}$
36.°° $\frac{4}{14}$	37.°° $\frac{4}{44}$	38.°° $\frac{8}{40}$	39.°° $\frac{12}{33}$	40.°° $\frac{6}{24}$
41.°° $\frac{1}{8}$	42.°° $\frac{3}{9}$	43.°° $\frac{3}{30}$	44.°° $\frac{10}{35}$	45.°° $\frac{6}{27}$

Name _____



Date _____

Fractions

(Answer ID # 0108958)

Write each improper fraction as a mixed number in simplest form.

1.°° $\frac{18}{4}$	2.°° $\frac{34}{6}$	3.°° $\frac{23}{8}$	4.°° $\frac{19}{11}$
5.°° $\frac{31}{10}$	6.°° $\frac{48}{7}$	7.°° $\frac{21}{9}$	8.°° $\frac{16}{3}$
9.°° $\frac{23}{5}$	10.°° $\frac{13}{2}$	11.°° $\frac{47}{12}$	12.°° $\frac{11}{6}$
13.°° $\frac{79}{12}$	14.°° $\frac{61}{11}$	15.°° $\frac{10}{8}$	16.°° $\frac{44}{9}$
17.°° $\frac{14}{4}$	18.°° $\frac{29}{10}$	19.°° $\frac{7}{2}$	20.°° $\frac{18}{7}$
21.°° $\frac{5}{3}$	22.°° $\frac{34}{5}$	23.°° $\frac{65}{12}$	24.°° $\frac{68}{10}$
25.°° $\frac{9}{2}$	26.°° $\frac{19}{9}$	27.°° $\frac{8}{6}$	28.°° $\frac{36}{7}$
29.°° $\frac{27}{8}$	30.°° $\frac{8}{3}$	31.°° $\frac{12}{11}$	32.°° $\frac{19}{4}$

Name _____



Date _____

Fractions

(Answer ID # 0692528)

Complete. Write your answer as a mixed number in simplest form.

1.°° $\frac{7}{9} - \frac{1}{2} =$	2.°° $\frac{5}{6} - \frac{1}{4} =$	3.°° $\frac{2}{3} + \frac{3}{12} =$	4.°° $\frac{5}{8} + \frac{1}{2} =$
5.°° $\frac{3}{6} + \frac{1}{2} =$	6.°° $\frac{6}{7} - \frac{1}{2} =$	7.°° $\frac{7}{9} + \frac{1}{2} =$	8.°° $\frac{3}{6} - \frac{2}{4} =$
9.°° $\frac{5}{6} - \frac{1}{3} =$	10.°° $\frac{1}{2} - \frac{2}{5} =$	11.°° $\frac{3}{4} + \frac{1}{2} =$	12.°° $\frac{2}{8} + \frac{1}{4} =$
13.°° $\frac{1}{7} + \frac{1}{2} =$	14.°° $\frac{1}{2} - \frac{4}{12} =$	15.°° $\frac{1}{4} + \frac{2}{3} =$	16.°° $\frac{1}{2} - \frac{1}{7} =$
17.°° $\frac{2}{3} - \frac{2}{6} =$	18.°° $\frac{7}{8} + \frac{1}{2} =$	19.°° $\frac{3}{9} + \frac{1}{3} =$	20.°° $\frac{1}{3} + \frac{1}{2} =$
21.°° $\frac{3}{4} - \frac{3}{6} =$	22.°° $\frac{1}{3} + \frac{3}{4} =$	23.°° $\frac{3}{4} - \frac{1}{2} =$	24.°° $\frac{4}{5} - \frac{7}{10} =$
25.°° $\frac{5}{7} + \frac{1}{2} =$	26.°° $\frac{1}{2} - \frac{1}{9} =$	27.°° $\frac{2}{3} - \frac{2}{9} =$	28.°° $\frac{4}{6} + \frac{9}{12} =$
29.°° $\frac{5}{8} + \frac{1}{4} =$	30.°° $\frac{1}{9} + \frac{2}{3} =$	31.°° $\frac{1}{2} - \frac{3}{7} =$	32.°° $\frac{1}{2} - \frac{3}{6} =$
33.°° $\frac{3}{4} - \frac{2}{3} =$	34.°° $\frac{2}{3} + \frac{1}{2} =$	35.°° $\frac{4}{5} + \frac{7}{10} =$	36.°° $\frac{3}{5} - \frac{1}{2} =$
37.°° $\frac{1}{4} + \frac{4}{8} =$	38.°° $\frac{8}{9} - \frac{2}{3} =$	39.°° $\frac{4}{5} + \frac{5}{10} =$	40.°° $\frac{2}{4} - \frac{3}{8} =$

Name _____



Date _____

Multiply Fractions

(Answer ID # 0380641)

Multiply. Write your answer as a mixed number in simplest form.

1. $\frac{1}{7} \times \frac{9}{11} =$	2. $\frac{2}{3} \times \frac{6}{7} =$	3. $\frac{3}{6} \times \frac{2}{3} =$	4. $\frac{4}{9} \times 8 =$
5. $4 \times \frac{3}{4} =$	6. $\frac{3}{5} \times \frac{10}{11} =$	7. $3 \times \frac{5}{8} =$	8. $\frac{7}{11} \times \frac{2}{4} =$
9. $\frac{1}{2} \times \frac{5}{6} =$	10. $\frac{1}{10} \times 6 =$	11. $\frac{4}{8} \times \frac{9}{11} =$	12. $\frac{10}{11} \times \frac{3}{4} =$
13. $\frac{1}{2} \times \frac{1}{11} =$	14. $\frac{2}{3} \times \frac{4}{10} =$	15. $1 \times \frac{7}{9} =$	16. $\frac{9}{10} \times 7 =$
17. $\frac{11}{12} \times \frac{1}{3} =$	18. $\frac{4}{6} \times 5 =$	19. $\frac{3}{9} \times \frac{2}{4} =$	20. $2 \times \frac{3}{6} =$
21. $\frac{3}{5} \times \frac{1}{4} =$	22. $\frac{2}{6} \times \frac{2}{6} =$	23. $\frac{5}{9} \times \frac{3}{4} =$	24. $9 \times \frac{9}{10} =$
25. $\frac{3}{5} \times \frac{1}{2} =$	26. $\frac{6}{7} \times \frac{2}{4} =$	27. $\frac{8}{11} \times \frac{1}{2} =$	28. $\frac{1}{4} \times \frac{1}{2} =$
29. $\frac{2}{10} \times 1 =$	30. $\frac{2}{3} \times 8 =$	31. $\frac{5}{8} \times \frac{6}{11} =$	32. $\frac{1}{2} \times \frac{1}{10} =$
33. $\frac{4}{7} \times \frac{7}{11} =$	34. $\frac{1}{6} \times \frac{10}{12} =$	35. $3 \times \frac{5}{10} =$	36. $\frac{9}{12} \times \frac{4}{10} =$
37. $\frac{2}{8} \times \frac{1}{6} =$	38. $\frac{3}{4} \times \frac{2}{5} =$	39. $\frac{2}{9} \times 2 =$	40. $\frac{9}{11} \times \frac{3}{4} =$

Name _____



Date _____

Fractions

(Answer ID # 0847679)

Solve. Write your answer as a mixed number in simplest form.

1. ° Ryan picked five-sixths of a gallon of strawberries. He gave one-sixth of a gallon to his grandmother. How much of a gallon of strawberries was left?	2. ° On Monday Dylan picked nine-tenths of a pound of strawberries. On Tuesday he picked one-fifth of a pound of strawberries. What was the total weight of the strawberries Dylan picked?
3. ° Jessica made four-elevenths of a pound of candy. Of the candy Jessica made, one-eleventh of a pound was fudge. How much of the candy was not fudge?	4. ° Destiny added three-fifths of a cup of flour to half of a cup of cornmeal to make cornmeal muffins. How much of the flour and cornmeal mixture did she have?
5. ° On Friday Brian ate half of a pound of cherries. On Saturday he ate two-ninths of a pound of cherries. What was the total weight of the cherries Brian ate?	6. ° Matthew had ten dollars. He spent one-tenth of his money on candy and another four-fifths of his money on soda. What fraction of his money did he spend altogether?
7. ° There is six-sevenths of a gallon of Kool-Aid [®] in the pitcher. Four-sevenths of a gallon of the Kool-Aid [®] is for making popsicles in the freezer. The rest is for drinking. How much is for drinking?	8. ° Alexander measured the two bugs he found. The cricket was seven-eighths of an inch long. The ant was one-fourth of an inch long. How much longer was the cricket than the ant?
9. ° Madison painted four-fifths of her door before she was interrupted. When she got back to her painting, she finished another one-tenth of the door. What fraction of her door was finished?	10. ° There are six pieces of pizza. Cody ate two-thirds of the pizza for dinner. He ate one-sixth of the pizza for a bedtime snack. How much of the pizza has he eaten in all?
11. ° Amanda planted seven-twelfths of her vegetable garden in the morning and another one-twelfth of it in the afternoon. What fraction of her garden was planted in one day?	12. ° There was three-fourths of a gallon of plain milk in the refrigerator. There was also half of a gallon of chocolate milk. How much more plain milk was there than chocolate milk?