

Name \_\_\_\_\_

# SUMMER PACK

## GRADE 4

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

## Decimals - Addition

**Directions:** Complete the following problems and show your work.

1. 
$$\begin{array}{r} 164.00 \\ + 4.73 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 655.00 \\ + 1.53 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 360.00 \\ + 1.55 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 62.20 \\ + 55.10 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 9.37 \\ + 318.00 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 239.00 \\ + 9.91 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 7.28 \\ + 157.00 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 73.40 \\ + 80.80 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 173.00 \\ + 6.45 \\ \hline \end{array}$$

10. 
$$\begin{array}{r} 138.00 \\ + 8.13 \\ \hline \end{array}$$

11. 
$$\begin{array}{r} 410.00 \\ + 4.16 \\ \hline \end{array}$$

12. 
$$\begin{array}{r} 78.40 \\ + 53.30 \\ \hline \end{array}$$

# Decimal Review

Page 2

12.  $6.92 + 1.7$

12. Answer: \_\_\_\_\_

13.  $7.93 - 1.05$

13. Answer: \_\_\_\_\_

14.  $4.9 - 1.35$

14. Answer: \_\_\_\_\_

15. Anthony and Adam were running in a race.  
Anthony finished the race in 5.3 minutes.  
Adam finished the race in 4.92 minutes.  
How much faster was Adam than Anthony?

20. Answer: \_\_\_\_\_

Add. Write each sum in simplest form.

$$\begin{array}{r} 1. \quad 1\frac{1}{5} \\ + 2\frac{7}{15} \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 2\frac{1}{8} \\ + 1\frac{1}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 5\frac{2}{3} \\ + 2\frac{1}{2} \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 4\frac{3}{10} \\ + 2\frac{1}{5} \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 3\frac{5}{6} \\ + 1\frac{1}{3} \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 5\frac{1}{10} \\ + 4\frac{7}{20} \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 2\frac{3}{8} \\ + 6\frac{3}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 9\frac{1}{5} \\ + 4\frac{1}{4} \\ \hline \end{array}$$

$$9. \quad 4\frac{1}{8} + 3\frac{1}{5}$$

$$10. \quad 7\frac{1}{5} + 2\frac{1}{6}$$

$$11. \quad 4\frac{1}{6} + 2\frac{1}{9}$$

$$12. \quad 8\frac{1}{2} + 7\frac{3}{4}$$

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$$13. \quad 9\frac{1}{2} + 2\frac{1}{6}$$

$$14. \quad 4\frac{4}{5} + 3\frac{1}{3}$$

$$15. \quad 9\frac{2}{3} + 7\frac{5}{6}$$

$$16. \quad 6\frac{1}{5} + 2\frac{1}{4}$$

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Add. Write each sum in simplest form.

$$\begin{array}{r} 1. \quad \frac{1}{3} \\ + \frac{5}{12} \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad \frac{2}{5} \\ + \frac{1}{10} \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad \frac{1}{2} \\ + \frac{1}{5} \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad \frac{9}{10} \\ + \frac{2}{3} \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad \frac{5}{8} \\ + \frac{2}{3} \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad \frac{1}{3} \\ + \frac{2}{9} \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad \frac{5}{11} \\ + \frac{1}{2} \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad \frac{3}{7} \\ + \frac{1}{5} \\ \hline \end{array}$$

$$9. \quad \frac{1}{3} + \frac{1}{6}$$

$$10. \quad \frac{1}{4} + \frac{3}{5}$$

$$11. \quad \frac{3}{5} + \frac{7}{15}$$

$$12. \quad \frac{5}{6} + \frac{1}{7}$$

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$$13. \quad \frac{1}{4} + \frac{1}{5}$$

$$14. \quad \frac{1}{10} + \frac{7}{12}$$

$$15. \quad \frac{9}{11} + \frac{3}{22}$$

$$16. \quad \frac{5}{12} + \frac{7}{8}$$

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Subtract. Write the difference in simplest form.

$$\begin{array}{r} 1. \quad \frac{3}{5} \\ - \frac{1}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad \frac{8}{9} \\ - \frac{2}{3} \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad \frac{7}{10} \\ - \frac{2}{5} \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad \frac{4}{5} \\ - \frac{1}{2} \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad \frac{5}{6} \\ - \frac{3}{5} \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad \frac{7}{11} \\ - \frac{1}{2} \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad \frac{6}{7} \\ - \frac{1}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad \frac{7}{12} \\ - \frac{1}{6} \\ \hline \end{array}$$

$$9. \quad \frac{3}{10} - \frac{1}{8}$$

$$10. \quad \frac{3}{4} - \frac{2}{7}$$

$$11. \quad \frac{5}{9} - \frac{1}{3}$$

$$12. \quad \frac{11}{12} - \frac{3}{8}$$

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$$13. \quad \frac{7}{8} - \frac{3}{5}$$

$$14. \quad \frac{5}{6} - \frac{1}{9}$$

$$15. \quad \frac{2}{3} - \frac{2}{9}$$

$$16. \quad \frac{3}{7} - \frac{1}{12}$$

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Subtract. Write each answer in simplest form.

$$\begin{array}{r} 1. \quad 9\frac{1}{3} \\ - 2\frac{1}{7} \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 3\frac{8}{9} \\ - 1\frac{1}{3} \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 4\frac{2}{9} \\ - 2\frac{1}{6} \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 8\frac{4}{5} \\ - 2\frac{3}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 14\frac{1}{8} \\ - 3\frac{1}{2} \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 18\frac{1}{8} \\ - 15\frac{5}{6} \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 10\frac{1}{5} \\ - 2\frac{3}{10} \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 8\frac{7}{12} \\ - 2\frac{5}{6} \\ \hline \end{array}$$

$$9. \quad 12\frac{1}{2} - 3\frac{1}{5}$$

$$10. \quad 4\frac{5}{6} - 3\frac{9}{10}$$

$$11. \quad 9\frac{3}{8} - 7\frac{1}{4}$$

$$12. \quad 3\frac{3}{10} - 2\frac{1}{6}$$

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$$13. \quad 9\frac{5}{6} - 2\frac{7}{10}$$

$$14. \quad 4\frac{3}{4} - 2\frac{1}{5}$$

$$15. \quad 3\frac{1}{6} - 2\frac{3}{10}$$

$$16. \quad 9\frac{1}{3} - 4\frac{7}{12}$$

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

# Division

3-Digit Dividends & 2-Digit Quotients

Divide to find the quotients.

A  $6 \overline{)342}$

B  $8 \overline{)137}$

C  $5 \overline{)206}$

D  $7 \overline{)243}$

E  $3 \overline{)148}$

F  $7 \overline{)218}$

G  $4 \overline{)306}$

H  $3 \overline{)129}$

I  $4 \overline{)126}$

J  $5 \overline{)259}$

K  $8 \overline{)424}$

L  $7 \overline{)504}$

M  $6 \overline{)429}$

N  $8 \overline{)568}$

O  $2 \overline{)138}$

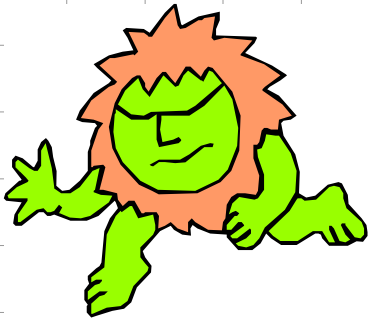
P  $9 \overline{)488}$

# Monster Math

a. 
$$\begin{array}{r} 136 \\ \times 35 \\ \hline \end{array}$$

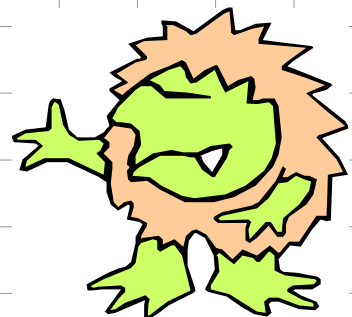


b. 
$$\begin{array}{r} 208 \\ \times 41 \\ \hline \end{array}$$



c. 
$$\begin{array}{r} 380 \\ \times 29 \\ \hline \end{array}$$

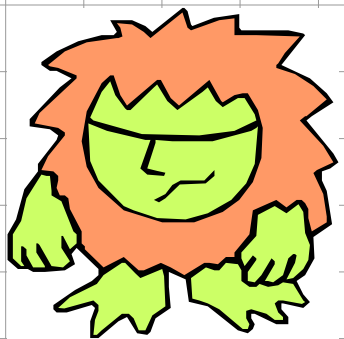
d. 
$$\begin{array}{r} 647 \\ \times 50 \\ \hline \end{array}$$



e. 
$$\begin{array}{r} 454 \\ \times 55 \\ \hline \end{array}$$

f. 
$$\begin{array}{r} 125 \\ \times 65 \\ \hline \end{array}$$

g. 
$$\begin{array}{r} 989 \\ \times 40 \\ \hline \end{array}$$



h. 
$$\begin{array}{r} 477 \\ \times 11 \\ \hline \end{array}$$

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

Place Value

## ***Place and Value***

a. 4,560,000      What place is the underlined digit in? \_\_\_\_\_

What is the value of the underlined digit? \_\_\_\_\_

b. 56,002,030      What place is the underlined digit in? \_\_\_\_\_

What is the value of the underlined digit? \_\_\_\_\_

c. 3,924,560      What place is the underlined digit in? \_\_\_\_\_

What is the value of the underlined digit? \_\_\_\_\_

d. 5,019,204      What place is the underlined digit in? \_\_\_\_\_

What is the value of the underlined digit? \_\_\_\_\_

e. 6,070,321      What place is the underlined digit in? \_\_\_\_\_

What is the value of the underlined digit? \_\_\_\_\_

f. 19,352,340      What place is the underlined digit in? \_\_\_\_\_

What is the value of the underlined digit? \_\_\_\_\_

g. 23,269,002      What place is the underlined digit in? \_\_\_\_\_

What s the value of the underlined digit? \_\_\_\_\_





# MATH REVIEW

Write place value of underlined digit

1) 602788969

2) 795993323

3) 795214362

4) 813576534

5) 217392148

6) 698987119

7) 229991113

8) 445814159

9) 612782750

10) 612084588

11) 437586250

12) 549763983

13) 53739122

14) 76701222

15) 908469870

16) 438673138

17) 174996819

18) 659185619

19) 410953471

20) 624687286

21) 719804551

22) 502851955

23) 137908986

24) 341586286

25) 219886252

26) 946418701

27) 44941998

Rounding Numbers Worksheets: Round to the nearest hundred

1) 705

2) 835

3) 464

4) 368

5) 519

6) 491

7) 460

8) 300

9) 385

10) 137

11) 187

12) 773

13) 582

































































































































































































































































































































































































































































































14) 174

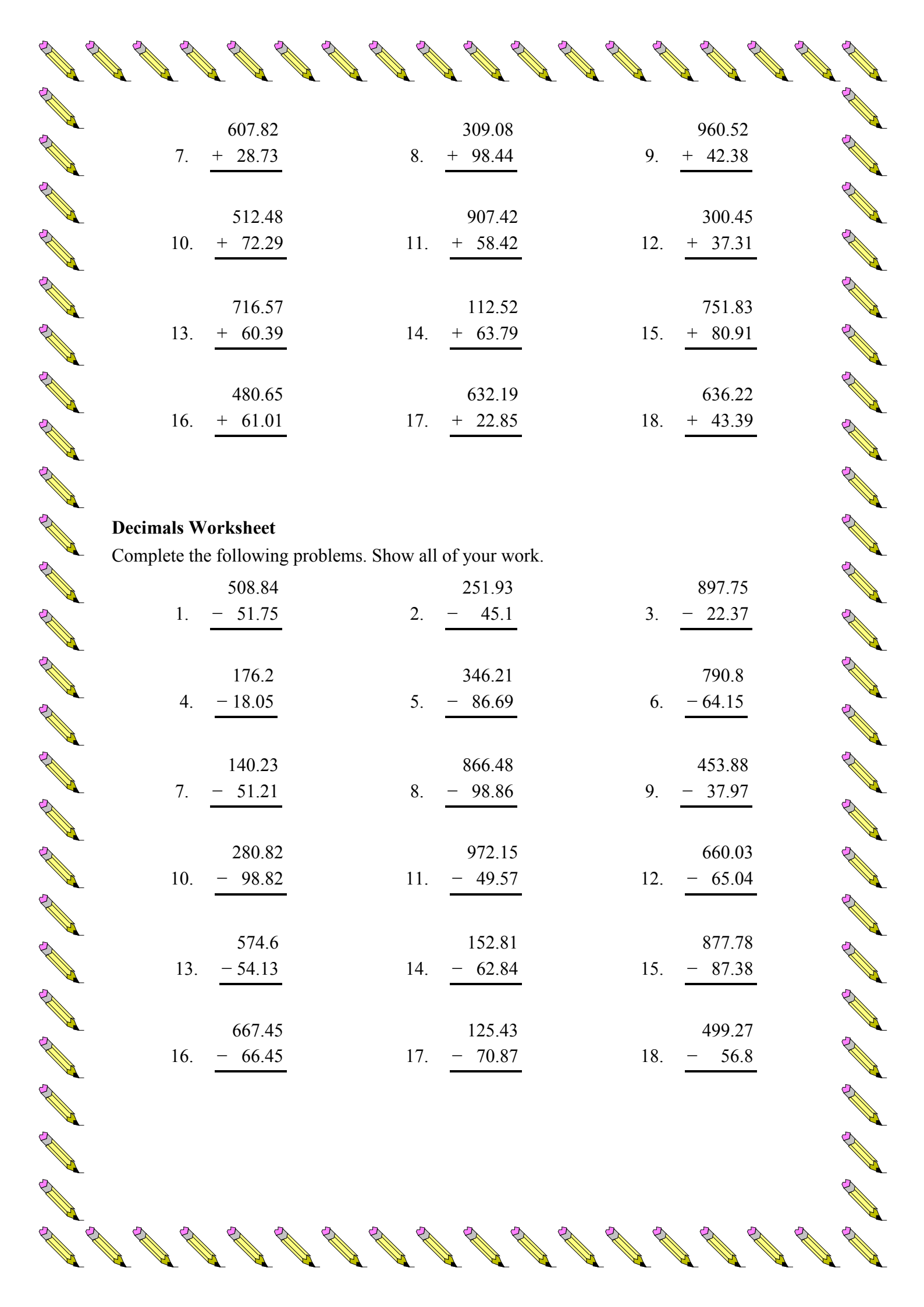
15) 554

16) 381

17) 753

18) 776


$$\begin{array}{r} 607.82 \\ 7. + 28.73 \\ \hline \end{array}$$

$$\begin{array}{r} 309.08 \\ 8. + 98.44 \\ \hline \end{array}$$

$$\begin{array}{r} 960.52 \\ 9. + 42.38 \\ \hline \end{array}$$

$$\begin{array}{r} 512.48 \\ 10. + 72.29 \\ \hline \end{array}$$

$$\begin{array}{r} 907.42 \\ 11. + 58.42 \\ \hline \end{array}$$

$$\begin{array}{r} 300.45 \\ 12. + 37.31 \\ \hline \end{array}$$

$$\begin{array}{r} 716.57 \\ 13. + 60.39 \\ \hline \end{array}$$

$$\begin{array}{r} 112.52 \\ 14. + 63.79 \\ \hline \end{array}$$

$$\begin{array}{r} 751.83 \\ 15. + 80.91 \\ \hline \end{array}$$

$$\begin{array}{r} 480.65 \\ 16. + 61.01 \\ \hline \end{array}$$

$$\begin{array}{r} 632.19 \\ 17. + 22.85 \\ \hline \end{array}$$

$$\begin{array}{r} 636.22 \\ 18. + 43.39 \\ \hline \end{array}$$

### Decimals Worksheet

Complete the following problems. Show all of your work.

$$\begin{array}{r} 508.84 \\ 1. - 51.75 \\ \hline \end{array}$$

$$\begin{array}{r} 251.93 \\ 2. - 45.1 \\ \hline \end{array}$$

$$\begin{array}{r} 897.75 \\ 3. - 22.37 \\ \hline \end{array}$$

$$\begin{array}{r} 176.2 \\ 4. - 18.05 \\ \hline \end{array}$$

$$\begin{array}{r} 346.21 \\ 5. - 86.69 \\ \hline \end{array}$$

$$\begin{array}{r} 790.8 \\ 6. - 64.15 \\ \hline \end{array}$$

$$\begin{array}{r} 140.23 \\ 7. - 51.21 \\ \hline \end{array}$$

$$\begin{array}{r} 866.48 \\ 8. - 98.86 \\ \hline \end{array}$$

$$\begin{array}{r} 453.88 \\ 9. - 37.97 \\ \hline \end{array}$$

$$\begin{array}{r} 280.82 \\ 10. - 98.82 \\ \hline \end{array}$$

$$\begin{array}{r} 972.15 \\ 11. - 49.57 \\ \hline \end{array}$$

$$\begin{array}{r} 660.03 \\ 12. - 65.04 \\ \hline \end{array}$$

$$\begin{array}{r} 574.6 \\ 13. - 54.13 \\ \hline \end{array}$$

$$\begin{array}{r} 152.81 \\ 14. - 62.84 \\ \hline \end{array}$$

$$\begin{array}{r} 877.78 \\ 15. - 87.38 \\ \hline \end{array}$$

$$\begin{array}{r} 667.45 \\ 16. - 66.45 \\ \hline \end{array}$$

$$\begin{array}{r} 125.43 \\ 17. - 70.87 \\ \hline \end{array}$$

$$\begin{array}{r} 499.27 \\ 18. - 56.8 \\ \hline \end{array}$$



## Decimals Worksheet

Complete the following problems. Show all of your work.

1. 
$$\begin{array}{r} 64.99 \\ \times 24.78 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 20.98 \\ \times 57.44 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 46.4 \\ \times 15.15 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 38.75 \\ \times 85.91 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 27.42 \\ \times 67.47 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 25.9 \\ \times 91.3 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 57.6 \\ \times 29.45 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 24.54 \\ \times 89.54 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 33.37 \\ \times 91.63 \\ \hline \end{array}$$

10. 
$$\begin{array}{r} 55.44 \\ \times 87.91 \\ \hline \end{array}$$

11. 
$$\begin{array}{r} 50.49 \\ \times 52.91 \\ \hline \end{array}$$

12. 
$$\begin{array}{r} 45.33 \\ \times 62.74 \\ \hline \end{array}$$

13. 
$$\begin{array}{r} 54.26 \\ \times 99.67 \\ \hline \end{array}$$

14. 
$$\begin{array}{r} 79.63 \\ \times 37.45 \\ \hline \end{array}$$

15. 
$$\begin{array}{r} 21.27 \\ \times 55.49 \\ \hline \end{array}$$

16. 
$$\begin{array}{r} 74.33 \\ \times 70.89 \\ \hline \end{array}$$

17. 
$$\begin{array}{r} 63.34 \\ \times 28.56 \\ \hline \end{array}$$

18. 
$$\begin{array}{r} 72.73 \\ \times 43.16 \\ \hline \end{array}$$

Find Least Common Multiple (LCM) for each number set.

1) 3 and 4 =

lcm:

2) 2 and 10 =

lcm:

3) 3 and 5 =

lcm:

4) 15 and 2 =

lcm:

5) 5 and 15 =

lcm:

6) 2 and 6 =

lcm:

7) 10 and 15 =

lcm:

8) 3 and 10 =

lcm:

9) 3 and 6 =

lcm:

10) 4 and 3 =

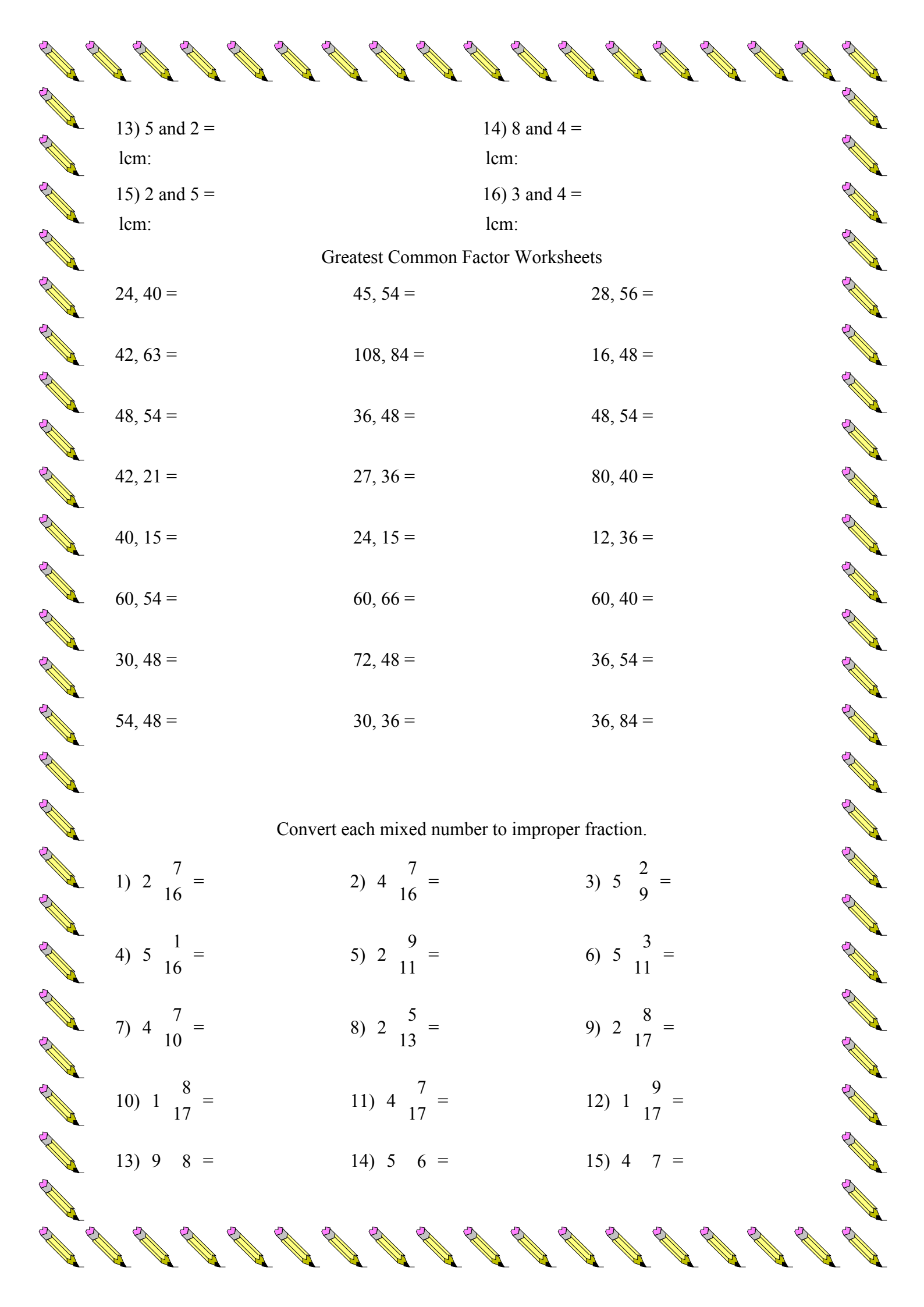
lcm:

11) 10 and 5 =

lcm:

12) 6 and 2 =

lcm:



13) 5 and 2 =

lcm:

14) 8 and 4 =

lcm:

15) 2 and 5 =

lcm:

16) 3 and 4 =

lcm:

### Greatest Common Factor Worksheets

24, 40 =

45, 54 =

28, 56 =

42, 63 =

108, 84 =

16, 48 =

48, 54 =

36, 48 =

48, 54 =

42, 21 =

27, 36 =

80, 40 =

40, 15 =

24, 15 =

12, 36 =

60, 54 =

60, 66 =

60, 40 =

30, 48 =

72, 48 =

36, 54 =

54, 48 =

30, 36 =

36, 84 =

### Convert each mixed number to improper fraction.

1)  $2 \frac{7}{16} =$

2)  $4 \frac{7}{16} =$

3)  $5 \frac{2}{9} =$

4)  $5 \frac{1}{16} =$

5)  $2 \frac{9}{11} =$

6)  $5 \frac{3}{11} =$

7)  $4 \frac{7}{10} =$

8)  $2 \frac{5}{13} =$

9)  $2 \frac{8}{17} =$

10)  $1 \frac{8}{17} =$

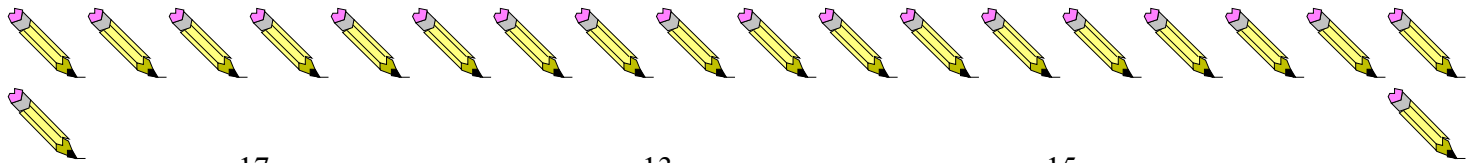
11)  $4 \frac{7}{17} =$

12)  $1 \frac{9}{17} =$

13)  $9 \frac{8}{8} =$

14)  $5 \frac{6}{6} =$

15)  $4 \frac{7}{7} =$



17

13

15

Convert each improper fraction to mixed number or whole number.

1)  $\frac{16}{5} =$

2)  $\frac{7}{4} =$

3)  $\frac{13}{6} =$

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

5)  $\frac{11}{6} =$

6)  $\frac{17}{8} =$

7)  $\frac{8}{3} =$

8)  $\frac{15}{1} =$

9)  $\frac{11}{6} =$

10)  $\frac{10}{7} =$

11)  $\frac{19}{8} =$

12)  $\frac{10}{7} =$

13)  $\frac{17}{2} =$

14)  $\frac{17}{4} =$

15)  $\frac{4}{3} =$

Divide

1:

2:

3:

$8 \overline{)353}$

$11 \overline{)360}$

$9 \overline{)496}$

-

-

-

-

-

-

-

-

-

4:

5:

6:

$12 \overline{)440}$

$10 \overline{)351}$

$7 \overline{)304}$

-

-

-

-

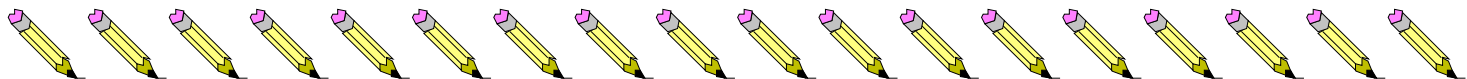
-

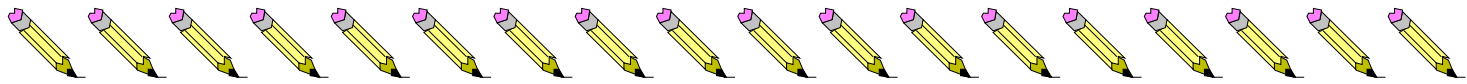
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-

-

-





1:

$$\overline{13)951}$$

-

-

-

2:

$$\overline{19)1040}$$

-

-

-

-

3:

$$\overline{14)1264}$$

-

-

-

-

4:

$$\overline{19)1154}$$

-

-

-

-

5:

$$\overline{17)988}$$

-

-

-

-

6:

$$\overline{11)787}$$

-

-

-

1:

$$\overline{4)105}$$

-

-

-

2:

$$\overline{8)100}$$

-

-

-

3:

$$\overline{5)197}$$

-

-

-

4:

$$\overline{9)158}$$

-

-

-

5:

$$\overline{7)113}$$

-

-

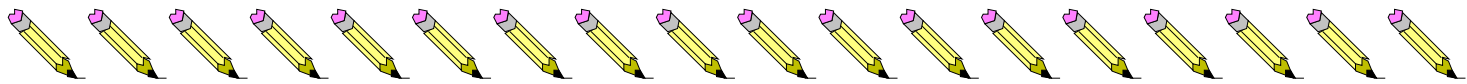
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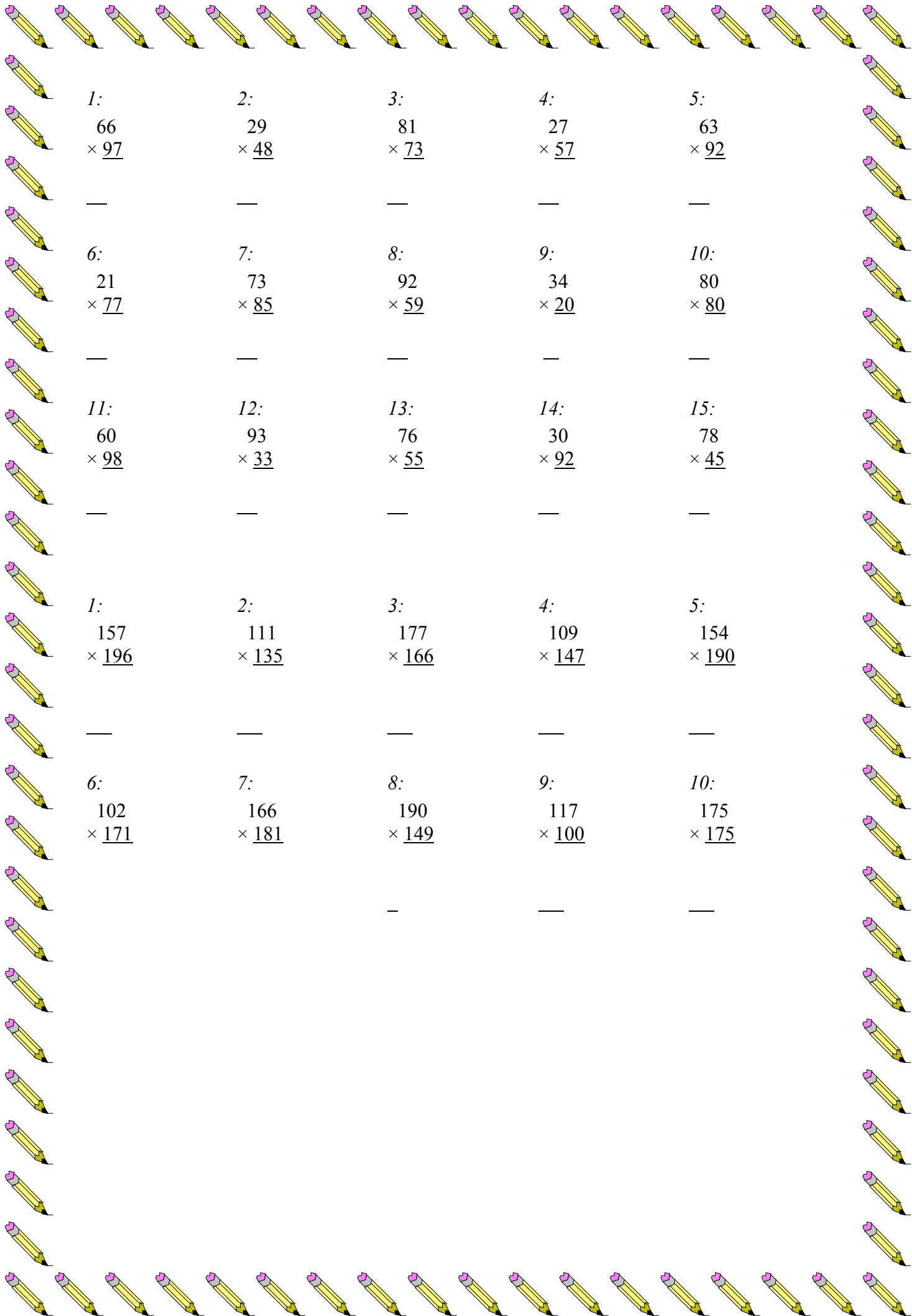
6:

$$\overline{3)78}$$

-

-





1:

$$\begin{array}{r} 66 \\ \times 97 \\ \hline \end{array}$$

—

2:

$$\begin{array}{r} 29 \\ \times 48 \\ \hline \end{array}$$

—

3:

$$\begin{array}{r} 81 \\ \times 73 \\ \hline \end{array}$$

—

4:

$$\begin{array}{r} 27 \\ \times 57 \\ \hline \end{array}$$

—

5:

$$\begin{array}{r} 63 \\ \times 92 \\ \hline \end{array}$$

—

6:

$$\begin{array}{r} 21 \\ \times 77 \\ \hline \end{array}$$

—

7:

$$\begin{array}{r} 73 \\ \times 85 \\ \hline \end{array}$$

—

8:

$$\begin{array}{r} 92 \\ \times 59 \\ \hline \end{array}$$

—

9:

$$\begin{array}{r} 34 \\ \times 20 \\ \hline \end{array}$$

—

10:

$$\begin{array}{r} 80 \\ \times 80 \\ \hline \end{array}$$

—

11:

$$\begin{array}{r} 60 \\ \times 98 \\ \hline \end{array}$$

—

12:

$$\begin{array}{r} 93 \\ \times 33 \\ \hline \end{array}$$

—

13:

$$\begin{array}{r} 76 \\ \times 55 \\ \hline \end{array}$$

—

14:

$$\begin{array}{r} 30 \\ \times 92 \\ \hline \end{array}$$

—

15:

$$\begin{array}{r} 78 \\ \times 45 \\ \hline \end{array}$$

—

1:

$$\begin{array}{r} 157 \\ \times 196 \\ \hline \end{array}$$

—

2:

$$\begin{array}{r} 111 \\ \times 135 \\ \hline \end{array}$$

—

3:

$$\begin{array}{r} 177 \\ \times 166 \\ \hline \end{array}$$

—

4:

$$\begin{array}{r} 109 \\ \times 147 \\ \hline \end{array}$$

—

5:

$$\begin{array}{r} 154 \\ \times 190 \\ \hline \end{array}$$

—

6:

$$\begin{array}{r} 102 \\ \times 171 \\ \hline \end{array}$$

—

7:

$$\begin{array}{r} 166 \\ \times 181 \\ \hline \end{array}$$

—

8:

$$\begin{array}{r} 190 \\ \times 149 \\ \hline \end{array}$$

—

9:

$$\begin{array}{r} 117 \\ \times 100 \\ \hline \end{array}$$

—

10:

$$\begin{array}{r} 175 \\ \times 175 \\ \hline \end{array}$$

—



- 5) 12
- 6) 16
- 7) 6
- 8) 12
- 9) 6
- 10) 21
- 11) 9
- 12) 40

Convert each improper fraction to mixed number or whole number.

1)  $\frac{16}{5} =$

2)  $\frac{7}{4} =$

3)  $\frac{13}{6} =$

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

5)  $\frac{11}{6} =$

6)  $\frac{17}{8} =$

7)  $\frac{8}{3} =$

8)  $\frac{15}{1} =$

9)  $\frac{11}{6} =$

10)  $\frac{10}{7} =$

11)  $\frac{19}{8} =$

12)  $\frac{10}{7} =$

13)  $\frac{17}{2} =$

14)  $\frac{17}{4} =$

15)  $\frac{4}{3} =$

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

# Adding Mixed Numbers

with the Like Denominators, Requires Simplifying

The diagram shows the addition of  $3\frac{3}{8}$  and  $2\frac{1}{8}$  in three stages:

- Initial setup:  $3\frac{3}{8}$  and  $2\frac{1}{8}$  are written vertically. A bracket labeled "same" indicates that the denominators are the same.
- Adding the fractions: The fractional parts are added, resulting in  $5\frac{4}{8}$ . A blue arrow points from the  $\frac{4}{8}$  to the next step.
- Simplifying: The final result is  $5\frac{4}{8} = 5\frac{1}{2}$ .

Add the fractions and simplify the answers.

a.  $5\frac{2}{6}$   
 $+ 4\frac{2}{6}$

b.  $6\frac{1}{4}$   
 $+ 1\frac{1}{4}$

c.  $3\frac{2}{10}$   
 $+ 5\frac{3}{10}$

d.  $3\frac{2}{8}$   
 $+ 6\frac{4}{8}$

e.  $3\frac{2}{9}$   
 $+ 1\frac{1}{9}$

f.  $2\frac{3}{12}$   
 $+ \frac{1}{12}$

g.  $1\frac{3}{10}$   
 $+ 5\frac{5}{10}$

h.  $2\frac{3}{14}$   
 $+ 1\frac{3}{14}$

i.  $\frac{1}{6}$   
 $+ 4\frac{2}{6}$

j.  $2\frac{1}{8}$   
 $+ 4\frac{1}{8}$

k.  $2\frac{2}{9}$   
 $+ 3\frac{4}{9}$

l.  $1\frac{3}{12}$   
 $+ 1\frac{3}{12}$

m.  $6\frac{4}{10}$   
 $+ 2\frac{2}{10}$

n.  $5\frac{6}{14}$   
 $+ \frac{4}{14}$

o.  $1\frac{2}{12}$   
 $+ 7\frac{4}{12}$

p. Tom's family ate  $1\frac{2}{8}$  apple pies.

Susie's family ate  $1\frac{4}{8}$  cherry pies.

How much pie did both families eat?

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

# Subtracting Mixed Numbers

with the Like Denominators, Requires Simplifying

$$\begin{array}{r} 3 \frac{3}{8} \\ - 2 \frac{1}{8} \\ \hline \end{array}$$
$$\begin{array}{r} 3 \frac{3}{8} \\ - 2 \frac{1}{8} \\ \hline \end{array}$$
$$\begin{array}{r} 3 \frac{3}{8} \\ - 2 \frac{1}{8} \\ \hline 2 \frac{11}{8} \\ - 2 \frac{1}{8} \\ \hline 1 \frac{10}{8} \end{array}$$
$$\begin{array}{r} 3 \frac{3}{8} \\ - 2 \frac{1}{8} \\ \hline 1 \frac{10}{8} \end{array}$$
$$\begin{array}{r} 3 \frac{3}{8} \\ - 2 \frac{1}{8} \\ \hline 1 \frac{10}{8} = 1 \frac{5}{4} = 1 \frac{1}{4} \end{array}$$

Add the fractions and simplify the answers.

a. 
$$\begin{array}{r} 5 \frac{4}{6} \\ - 4 \frac{2}{6} \\ \hline \end{array}$$

b. 
$$\begin{array}{r} 6 \frac{3}{4} \\ - 1 \frac{1}{4} \\ \hline \end{array}$$

c. 
$$\begin{array}{r} 9 \frac{5}{10} \\ - 5 \frac{3}{10} \\ \hline \end{array}$$

d. 
$$\begin{array}{r} 8 \frac{6}{8} \\ - 6 \frac{4}{8} \\ \hline \end{array}$$

e. 
$$\begin{array}{r} 3 \frac{4}{9} \\ - 1 \frac{1}{9} \\ \hline \end{array}$$

f. 
$$\begin{array}{r} 2 \frac{3}{12} \\ - \frac{1}{12} \\ \hline \end{array}$$

g. 
$$\begin{array}{r} 7 \frac{9}{10} \\ - 5 \frac{5}{10} \\ \hline \end{array}$$

h. 
$$\begin{array}{r} 2 \frac{7}{14} \\ - 2 \frac{3}{14} \\ \hline \end{array}$$

i. 
$$\begin{array}{r} 5 \frac{4}{6} \\ - 4 \frac{2}{6} \\ \hline \end{array}$$

j. 
$$\begin{array}{r} 6 \frac{5}{8} \\ - 4 \frac{1}{8} \\ \hline \end{array}$$

k. 
$$\begin{array}{r} 4 \frac{8}{9} \\ - 3 \frac{2}{9} \\ \hline \end{array}$$

l. 
$$\begin{array}{r} 1 \frac{6}{12} \\ - 1 \frac{3}{12} \\ \hline \end{array}$$

m. 
$$\begin{array}{r} 6 \frac{6}{10} \\ - 3 \frac{2}{10} \\ \hline \end{array}$$

n. 
$$\begin{array}{r} 5 \frac{6}{14} \\ - \frac{4}{14} \\ \hline \end{array}$$

o. 
$$\begin{array}{r} 7 \frac{6}{12} \\ - 1 \frac{4}{12} \\ \hline \end{array}$$

p. Tom walked  $2 \frac{5}{6}$  miles on Wednesday.

He walked  $1 \frac{1}{6}$  miles on Thursday.

How many more miles did he walk on Tuesday?

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

# Adding Fractions

with the Double Unlike Denominators, Requires Simplifying

The diagram illustrates the process of adding  $\frac{2}{4}$  and  $\frac{1}{3}$ . It shows three stages: 1) The original fractions  $\frac{2}{4}$  and  $\frac{1}{3}$ . 2) Conversion to equivalent fractions with a common denominator of 12:  $\frac{2}{4} = \frac{6}{12}$  and  $\frac{1}{3} = \frac{4}{12}$ . A bracket labeled "same" indicates that both fractions now have the same denominator. 3) The addition of the two fractions:  $\frac{6}{12} + \frac{4}{12} = \frac{10}{12}$ . The final result is simplified to  $\frac{5}{6}$ .

Add the fractions and simplify the answers.

a. 
$$\begin{array}{r} \frac{2}{5} \\ + \frac{2}{4} \\ \hline \end{array}$$

b. 
$$\begin{array}{r} \frac{4}{8} \\ + \frac{1}{3} \\ \hline \end{array}$$

c. 
$$\begin{array}{r} \frac{1}{4} \\ + \frac{2}{6} \\ \hline \end{array}$$

d. 
$$\begin{array}{r} \frac{2}{8} \\ + \frac{1}{6} \\ \hline \end{array}$$

e. 
$$\begin{array}{r} \frac{1}{3} \\ + \frac{4}{10} \\ \hline \end{array}$$

f. 
$$\begin{array}{r} \frac{3}{4} \\ + \frac{1}{6} \\ \hline \end{array}$$

g. 
$$\begin{array}{r} \frac{3}{9} \\ + \frac{2}{6} \\ \hline \end{array}$$

h. 
$$\begin{array}{r} \frac{4}{9} \\ + \frac{2}{4} \\ \hline \end{array}$$

i. 
$$\begin{array}{r} \frac{2}{4} \\ + \frac{1}{7} \\ \hline \end{array}$$

j. 
$$\begin{array}{r} \frac{2}{10} \\ + \frac{2}{6} \\ \hline \end{array}$$

k. 
$$\begin{array}{r} \frac{1}{7} \\ + \frac{4}{6} \\ \hline \end{array}$$

l. 
$$\begin{array}{r} \frac{2}{6} \\ + \frac{2}{8} \\ \hline \end{array}$$

m. Joe walked  $\frac{2}{6}$  of a mile on Monday. On Tuesday he walked another  $\frac{2}{9}$  of a mile.  
How far did Joe walk on Monday and Tuesday?



# Subtract Decimals

Subtract. Add to check your answer.

1. 
$$\begin{array}{r} 6.8 \\ - 3.9 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} \$7.25 \\ - 4.95 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 9.4 \\ - 4.52 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 28.44 \\ - 13.71 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} \$507.46 \\ - 74.76 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 66.531 \\ - 7.48 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 0.762 \\ - 0.075 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 9.34 \\ - 4.815 \\ \hline \end{array}$$

9.  $4.72 - 3.88$   
\_\_\_\_\_

10.  $\$54.98 - \$8.49$   
\_\_\_\_\_

11.  $0.6 - 0.438$   
\_\_\_\_\_

12.  $23.56 - 12.072$   
\_\_\_\_\_

Add or subtract using mental math.

13.  $\$3.75 + \$2.25$   
\_\_\_\_\_

14.  $0.7 - 0.4$   
\_\_\_\_\_

15.  $5.63 - 0.21$   
\_\_\_\_\_

16.  $0.005 + 0.064$   
\_\_\_\_\_

17.  $6.42 - 1.42$   
\_\_\_\_\_

18.  $15.63 - 5.12$   
\_\_\_\_\_

19.  $3.4 + 8.2$   
\_\_\_\_\_

20.  $\$6.68 - \$2.45$   
\_\_\_\_\_

**Algebra • Variables** Find the value of  $x$ .

21.  $5.8 + x = 7.93$   
\_\_\_\_\_

22.  $x + \$4.67 = \$9.49$   
\_\_\_\_\_

23.  $4.87 - x = 4.3$   
\_\_\_\_\_

24.  $x - 14.6 = 2.082$   
\_\_\_\_\_

25.  $7.76 - x = 7.53$   
\_\_\_\_\_

26.  $\$18.87 + x = \$53.04$   
\_\_\_\_\_



## Test Prep

27. Mrs. Patau budgeted \$125 per week for groceries for her family. If she spent \$53.76 by Tuesday and another \$47.28 on Wednesday and Thursday, how much did she have left for the last two days of the week?

**A** \$19.54

**C** \$23.96

**B** \$20.86

**D** \$24.06

28. Katrina is running in a marathon that is 26.219 miles. She has run 14.6 miles so far. How much farther does she have to go?

\_\_\_\_\_



# Place Value Through Hundred Billions

Write the number shown in the place-value chart in standard, expanded, expanded with exponents, word, and short word form.

BILLIONS			MILLIONS			THOUSANDS			ONES		
hundred billions	ten billions	billions	hundred millions	ten millions	millions	hundred thousands	ten thousands	thousands	hundreds	tens	ones
0	0	8	0	7	0	3	0	0	0	0	9

<b>Standard Form</b> 8,070,300,009	
<b>Expanded Form</b> Multiply each digit by its place value. $(8 \times 1,000,000,000) + (7 \times 10,000,000) + (3 \times 100,000) + (9 \times 1)$	<b>Expanded Form With Exponents</b> Write powers of ten with exponents. $(8 \times 10^9) + (7 \times 10^7) + (3 \times 10^5) + (9 \times 10^0)$
<b>Short Word Form</b> Write the period's name out in words except for the last period.  8 billion, 70 million, 300 thousand, 9	<b>Word Form</b> Write the word name for the numbers in each period followed by the name of each. eight billion, seventy million, three hundred thousand, nine

Write each number in standard form.

1. 873 million, 485 thousand, 309

\_\_\_\_\_

2. ninety-four billion, three hundred sixty million, five thousand

\_\_\_\_\_

3.  $(4 \times 10^9) + (4 \times 10^7) + (5 \times 10^6) + (6 \times 10^5) + (1 \times 10^4) + (5 \times 10^3) + (3 \times 10^2) + (9 \times 10^1)$

\_\_\_\_\_

4. 1 billion, 60 million, 3 thousand, 27

\_\_\_\_\_

5. four hundred million, forty-two thousand, three hundred thirty-seven

\_\_\_\_\_

6.  $(6 \times 10^8) + (2 \times 10^6) + (1 \times 10^5) + (7 \times 10^4) + (8 \times 10^2) + (5 \times 10^0)$

\_\_\_\_\_

# Place Value Through Thousandths

Write each in standard form.

- two hundredths \_\_\_\_\_
- seventy-five thousandths \_\_\_\_\_
- four hundred sixteen thousandths \_\_\_\_\_
- twenty and three tenths \_\_\_\_\_
- one and thirty-two hundredths \_\_\_\_\_
- five hundred three thousandths \_\_\_\_\_
- twelve and eleven hundredths \_\_\_\_\_
- two hundred fourteen thousandths \_\_\_\_\_

Write each decimal in words.

- |                   |                    |                    |
|-------------------|--------------------|--------------------|
| 9. 0.52<br>_____  | 10. 0.023<br>_____ | 11. 0.408<br>_____ |
| 12. 10.3<br>_____ | 13. 2.014<br>_____ | 14. 8.21<br>_____  |

Write the value of the underlined digit in words.

- |                             |                              |                             |
|-----------------------------|------------------------------|-----------------------------|
| 15. 34. <u>1</u> 2<br>_____ | 16. 10.1 <u>6</u> 4<br>_____ | 17. 5. <u>7</u> 82<br>_____ |
|-----------------------------|------------------------------|-----------------------------|



## Test Prep

18. Which underlined digit has the value four hundredths?
- A 20.453      C 2.348  
B 436.72      D 1.004
19. Oak trees grow 0.055 inches a day. Write the decimal in words.  
\_\_\_\_\_



# Prime and Composite Numbers

A **factor** is one of two or more numbers that are multiplied to give a product. So, 5 is a factor of 30 because when 5 is multiplied by 6 the product is 30.

A **prime number** is a counting number greater than 1 with **exactly two whole number factors**—1 and the number itself.

A **composite number** is a counting number with **more than 2 different whole number factors**.

**Is 32 a prime number or a composite number?**

<p><b>Step 1:</b> List all the whole number factors of 32. List the factors in order starting with 1.</p> <p>The factors of 32 are: 1 and 32, 2 and 16, 4 and 8.</p>	<p><b>Step 2:</b> Determine if the number is prime or composite.</p> <p>Since 32 has more than two factors, 32 is a composite number.</p>
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**Write all the factors of each number. Then identify the number as *prime* or *composite*.**

1. 8

\_\_\_\_\_

\_\_\_\_\_

2. 10

\_\_\_\_\_

\_\_\_\_\_

3. 9

\_\_\_\_\_

\_\_\_\_\_

4. 19

\_\_\_\_\_

\_\_\_\_\_

5. 11

\_\_\_\_\_

\_\_\_\_\_

6. 15

\_\_\_\_\_

\_\_\_\_\_

7. 22

\_\_\_\_\_

\_\_\_\_\_

8. 16

\_\_\_\_\_

\_\_\_\_\_

9. 12

\_\_\_\_\_

\_\_\_\_\_

10. 21

\_\_\_\_\_

\_\_\_\_\_

11. 14

\_\_\_\_\_

\_\_\_\_\_

12. 25

\_\_\_\_\_

\_\_\_\_\_

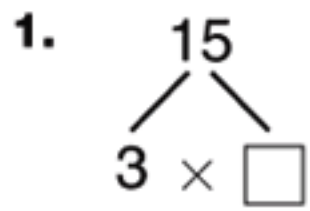
# Prime Factorization

Write the prime factorization of 60.

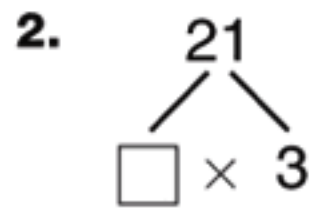
An example of prime factorization:  $6 = 2 \times 3$

<p><b>Step 1:</b> Find two numbers with a product of 60 (do not use 1 and 60). Write them as branches of a factor tree.</p> <div style="text-align: center;"> <math display="block">\begin{array}{c} 60 \\ \swarrow \quad \searrow \\ 6 \times 10 \end{array}</math> </div>	<p><b>Step 2:</b> Write each composite number as a product of two factors. Circle prime numbers. Continue until the numbers at the ends of branches are prime numbers.</p> <div style="text-align: center;"> <math display="block">\begin{array}{c} 60 \\ \swarrow \quad \times \quad \searrow \\ 6 \quad \quad 10 \\ \swarrow \quad \searrow \quad \swarrow \quad \searrow \\ \textcircled{2} \times \textcircled{3} \quad \times \quad \textcircled{2} \times \textcircled{5} \end{array}</math> </div>	<p><b>Step 3:</b> Write all the prime number factors in order from least to greatest. Then use exponents to write the prime factorization.</p> $60 = 2 \times 2 \times 3 \times 5$ $= 2^2 \times 3 \times 5$
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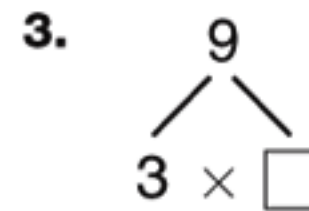
Complete each factor tree. Then write the prime factorization. Use exponents if possible.



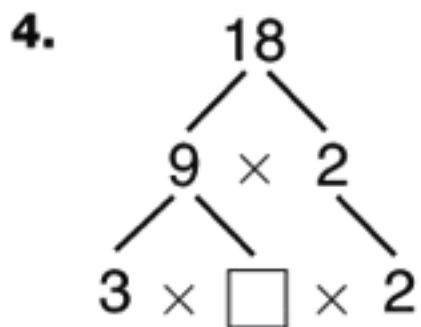
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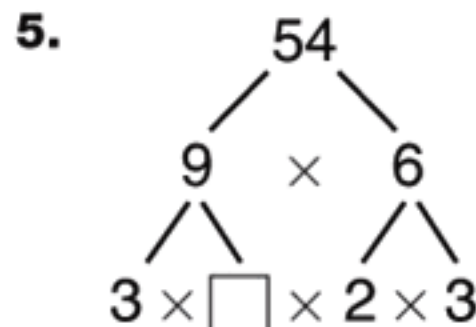
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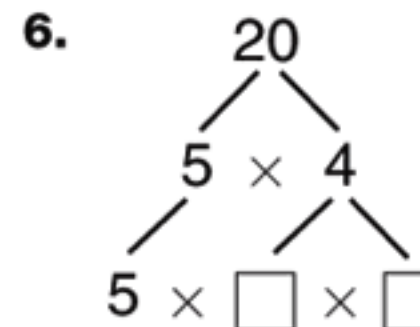
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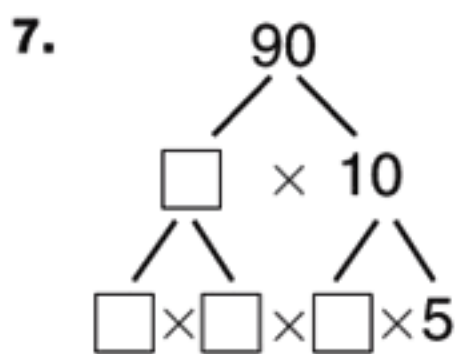
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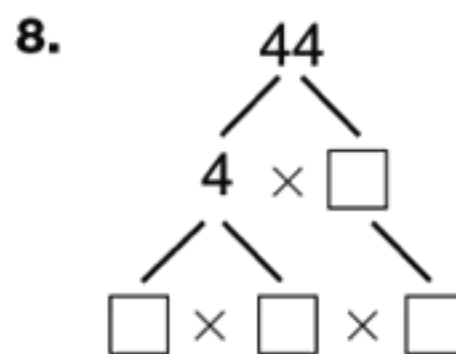
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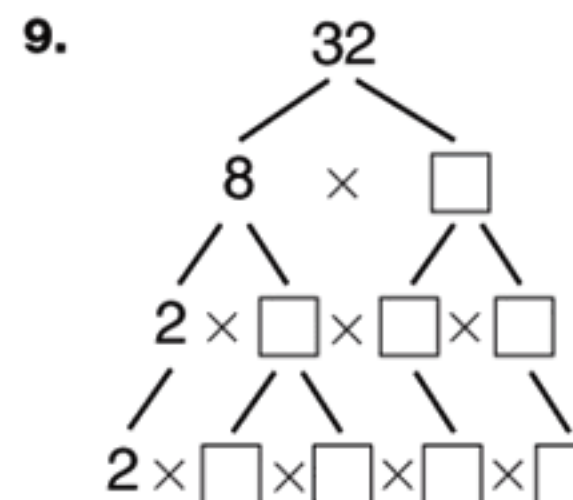
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\_\_\_\_\_



\_\_\_\_\_

# Compare, Order, and Round Whole Numbers

Compare. Write  $>$ ,  $<$ , or  $=$  for each  $\bigcirc$ .

1.  $3,471 \bigcirc 3,452$                       2.  $40,283 \bigcirc 40,567$                       3.  $1,042,639 \bigcirc 1,042,639$
4.  $67,452,105 \bigcirc 76,021$                       5.  $201,000,001 \bigcirc 201,002,799$

Order each set of numbers from greatest to least.

6. 2,437; 2,461; 2,459                      7. 72,390; 71,842; 79,021

Round to the place indicated by the underlined digit.

8. 7,256                      9. 304,499                      10. 1,650,000                      11. 239,640,231
- \_\_\_\_\_

Round each number.

12. 34,781 to the nearest ten thousand                      13. 4,362,045 to the nearest hundred thousand
- \_\_\_\_\_
14. 638,702,143 to the nearest million                      15. 561,893,000 to the nearest ten million
- \_\_\_\_\_

Write a number for the missing digit that will make the inequality true.

16.  $468,233 < 46\Box,233$                       17.  $45,680 > 45,6\Box1$                       18.  $320,124 > 320,\Box24$
- \_\_\_\_\_



## Test Prep

19. Which comparison is false?
- A  $522 < 542$
- B  $203,541 > 201,982$
- C  $561,203,758 > 561,185$
- D  $462,075,114 < 460,789,532$
20. Round 2,460,102,000 to the nearest hundred million.
- \_\_\_\_\_



**Compare, Order, and Round Decimals**Compare. Write  $>$ ,  $<$ , or  $=$  for each  $\bigcirc$ .

1.  $0.24 \bigcirc 0.18$       2.  $0.45 \bigcirc 0.450$       3.  $0.702 \bigcirc 0.701$       4.  $0.063 \bigcirc 0.63$   
 5.  $3.682 \bigcirc 3.679$       6.  $42 \bigcirc 41.99$       7.  $4.926 \bigcirc 5.1$       8.  $8.001 \bigcirc 8.1$

Order the numbers from greatest to least.

9. 5.63; 0.563; 5                      10. 0.21; 21; 0.2                      11. 38.41; 3.842; 3.843
- \_\_\_\_\_

Round to the place of the underlined digit.

12. 3.099 \_\_\_\_\_      13. 0.268 \_\_\_\_\_      14. 6.253 \_\_\_\_\_      15. 9.972 \_\_\_\_\_

Round each number.

16. 6.027 to the nearest hundredth \_\_\_\_\_  
 17. 5.071 to the nearest tenth \_\_\_\_\_

**Algebra • Properties** Compare. Write  $>$ ,  $<$ , or  $=$  for each  $\bigcirc$ , given  $a = 0.556$ ,  $b = 0.56$ ,  $c = 0.056$ ,  $d = 0.1$ 

18.  $a \bigcirc b$                       19.  $c \bigcirc d$                       20.  $b \bigcirc c$                       21.  $d \bigcirc a$
- \_\_\_\_\_

Find the missing digit that will make the inequality true.

22.  $0.45 > 0.\square 9$                       23.  $0.\square 93 < 0.636$                       24.  $4.238 > 4.23\square$
- \_\_\_\_\_

**Test Prep**

25. Which decimal is greater than 17.483?  
 A 17.099                      C 17.438  
 B 17.384                      D 17.504
26. On Monday Oscar's kitten weighed 2.567 pounds. On Friday he weighed 2.561 pounds. On Sunday he weighed 2.57 pounds. When did he weigh the most?
- \_\_\_\_\_

# DECIMALS - ROUNDING

**I. Round each to the nearest whole number.**

a. 56.89 \_\_\_\_\_

b. 38.25 \_\_\_\_\_

c. 50.67 \_\_\_\_\_

d. 42.49 \_\_\_\_\_

e. 27.53 \_\_\_\_\_

f. 71.32 \_\_\_\_\_

g. 90.10 \_\_\_\_\_

h. 29.84 \_\_\_\_\_

i. 19.71 \_\_\_\_\_

j. 63.22 \_\_\_\_\_

**II. Round each to the nearest tenth.**

k. 55.67 \_\_\_\_\_ l. 92.34 \_\_\_\_\_

m. 48.20 \_\_\_\_\_ n. 21.90 \_\_\_\_\_

o. 32.88 \_\_\_\_\_ p. 69.43 \_\_\_\_\_

q. 10.55 \_\_\_\_\_ r. 73.68 \_\_\_\_\_

s. 88.05 \_\_\_\_\_ t. 3.60 \_\_\_\_\_

u. 27.49 \_\_\_\_\_ v. 40.30 \_\_\_\_\_

# EXPANDED FORM

## I. Write each number in expanded form.

a.  $625 =$  \_\_\_\_\_

b.  $356 =$  \_\_\_\_\_

c.  $791 =$  \_\_\_\_\_

d.  $904 =$  \_\_\_\_\_

e.  $886 =$  \_\_\_\_\_

f.  $370 =$  \_\_\_\_\_

## II. Write each number in standard form.

g.  $400 + 20 + 7 =$  \_\_\_\_\_

h.  $500 + 9 =$  \_\_\_\_\_

i.  $100 + 80 + 2 =$  \_\_\_\_\_

j.  $200 + 60 =$  \_\_\_\_\_

k.  $900 + 10 + 9 =$  \_\_\_\_\_

l.  $300 + 7 =$  \_\_\_\_\_

m. Which is larger:  $400 + 50 + 6$  or  $400 + 60 + 5$  ?

\_\_\_\_\_

n. Which is smaller:  $736$  or  $700 + 60 + 3$  ?

\_\_\_\_\_

## III. Write each number in expanded form.

a.  $12,093 =$  \_\_\_\_\_

b.  $72,932 =$  \_\_\_\_\_

c.  $53,200 =$  \_\_\_\_\_

d.  $2,921 =$  \_\_\_\_\_

g. Martha and her family flew 15,989 kilometers from New York City to Sydney, Australia. Write this number in expanded form.

\_\_\_\_\_