**Mathematics means more when it is rooted in real-life situations. To help your child review many of the concepts he/she learned, we suggest the following activities for you and your child to do together over vacation. These activities will help your child build on the skills he or she has learned this year and help prepare him or her for Fourth Grade Everyday Mathematics.**

1. Have your child practice any multiplication and division facts that he or she has not yet mastered. Include some quick drills while standing in line, waiting at the doctor's office, a quick round the table game before a meal etc.

2. Provide items for your child to measure. Have your child use personal references, as well as U.S. customary and metric measuring tools. Have them help out with cooking and baking.

3. Use newspapers and magazines as sources of numbers, graphs, and tables that your child may read and discuss.

4. Have your child practice multi digit multiplication and division using the algorithms that he or she is most comfortable with. (lattice, partial products, traditional)

5. Ask your child to look at advertisements and find the sale prices of items using the original prices and rates of discount or find rates of discount using original prices and sale prices. Have your child use a calculator and calculate unit prices to determine best or better buys. Have them make your grocery shopping list with a budget in mind.

6. Continue the World Tour by reading about other countries and states.

7. When on vacation, keep a budget notebook. Write down what you spend on activities and items that you purchase.

**Over the summer, complete the addition, subtraction and multiplication and division facts worksheets. MEMORIZE your facts; you should not be counting on your fingers in 4th grade.**
**There will be a timed multiplication test when you return to school in September.**
**BE READY!!**

Name _____

Practice 3-3

## Estimating Sums and Differences

Estimate. Round to the nearest hundred.

**1.** 413 + 387 _____

**2.** 954 − 450 _____

**3.** 581 + 417 _____

**4.** 693 − 482 _____

**5.** 217 + 581 _____

**6.** 438 − 160 _____

**7.** 577 − 328 _____

**8.** 181 + 444 _____

**9.** 413 − 129 _____

**10.** 391 + 649 _____

**11.** 852 − 781 _____

**12.** 551 + 109 _____

Estimate. Round to the nearest thousand.

**13.** 5,221 + 2,746 _____

**14.** 8,441 − 6,099 _____

**15.** 6,911 − 2,562 _____

**16.** 2,601 + 5,814 _____

**17.** 1,099 + 4,623 _____

**18.** 5,715 − 2,839 _____

**19.** 8,764 − 4,369 _____

**20.** 3,233 + 5,118 _____

**21.** 2,612 − 1,011 _____

**22.** Estimate the difference between 758 and 436 to the nearest hundred. _____

**23.** Estimate the sum of 5,244 and 1,609 to the nearest thousand. _____

**24.** Is the difference of 1,261 and 724 greater than or less than 500? Explain.

_____

_____

Name _____

Practice 3-5

## Adding

Find each sum.

**1.**
$$\begin{array}{r} 67 \\ +\,21 \\ \hline \square 8 \end{array}$$

**2.**
$$\begin{array}{r} 468 \\ +\,354 \\ \hline \square\square 2 \end{array}$$

**3.**
$$\begin{array}{r} 805 \\ +\,280 \\ \hline \square\square\square 5 \end{array}$$

**4.**
$$\begin{array}{r} 237 \\ +\,555 \\ \hline \square\square 2 \end{array}$$

**5.**
$$\begin{array}{r} 4,210 \\ +\,\;945 \\ \hline \square\square\square\square \end{array}$$

**6.**
$$\begin{array}{r} 4,017 \\ +\,9,564 \\ \hline \square\square\square\square\square \end{array}$$

**7.**
$$\begin{array}{r} 820 \\ +\,244 \\ \hline \square\square\square\square \end{array}$$

**8.**
$$\begin{array}{r} 3,572 \\ +\,\;619 \\ \hline \square\square\square\square \end{array}$$

**9.**
$$\begin{array}{r} 530 \\ +\,986 \\ \hline \square\square\square\square \end{array}$$

**10.**
$$\begin{array}{r} 7,381 \\ +\,2,615 \\ \hline \square\square\square\square \end{array}$$

**11.** 462 + 233 = _____

**12.** 758 + 435 = _____

**13.** 148 + 326 = _____

**14.** 337 + 98 = _____

**15.** 915 + 608 = _____

**16.** 2,801 + 7,955 = _____

**17.** Find the sum of 627 and 261. _____

**18.** Add 2,658 and 695. _____

**19.** Complete. Write 1, 2, 3, 4, 5, 6, 7, 8, or 9 in each box. Use each digit only once.

**a.** Write a number sentence that has the greatest sum.

□,□□□ + □□□ = _____

**b.** Write a number sentence that has the least sum.

□,□□□ + □□□ = _____

Write >, <, or =.

**20.** 357 + 219 ◯ 357 + 110 + 110

**21.** 632 + 412 ◯ 632 + 411

**22.** Ron and Will are collecting cans of food for the food drive at their school. So far Ron has 177 cans and Will has 209. How many cans is this?

_____

Name _____

Practice 3-6

## Column Addition

Find each sum. Estimate to check.

1. $\begin{array}{r} 43 \\ 65 \\ +29 \\ \hline \end{array}$

2. $\begin{array}{r} 392 \\ 543 \\ +737 \\ \hline \end{array}$

3. $\begin{array}{r} 497 \\ 72 \\ +811 \\ \hline \end{array}$

4. $\begin{array}{r} 2{,}085 \\ 3{,}283 \\ +6{,}502 \\ \hline \end{array}$

5. $\begin{array}{r} 556 \\ 119 \\ 972 \\ +658 \\ \hline \end{array}$

6. $\begin{array}{r} 8{,}349 \\ 3{,}785 \\ 414 \\ +\ 78 \\ \hline \end{array}$

7. $\begin{array}{r} 923 \\ 87 \\ 2{,}668 \\ +\ 705 \\ \hline \end{array}$

8. $\begin{array}{r} 4{,}621 \\ 549 \\ 99 \\ +4{,}429 \\ \hline \end{array}$

9. $47 + 63 + 38 =$ _____

10. $2{,}237 + 5{,}542 + 4{,}921 =$ _____

11. $712 + 243 + 962 =$ _____

12. $4{,}375 + 998 + 47 =$ _____

13. Find the sum of 477 and 380 and 87. _____

14. Find the sum of 3,381 and 674 and 535. _____

15. Find the sum of 873 and 49 and 2,192. _____

16. Write this number sentence in another way so it has the same sum: $332 + 725 + 4{,}496 = 5{,}553$

_____

Write >, <, or =. Decide without finding the sum.

17. $62 + 21 + 88 \bigcirc 59 + 18 + 73$

18. $566 + 238 + 494 \bigcirc 569 + 241 + 500$

Name _____

Practice 3-7

# Subtracting

Subtract.

**1.** 852 − 575 = □□7

**2.** 321 − 58 = □□3

**3.** 928 − 749 = □□9

**4.** 2,414 − 923 = □□□1

**5.** 394 − 253

**6.** 267 − 119

**7.** 744 − 498

**8.** 128 − 68

**9.** 4,592 − 1,497

**10.** 1,983 − 788

**11.** 8,214 − 5,321

**12.** 3,465 − 2,877

**13.** 764 − 332 = _____

**14.** 672 − 579 = _____

**15.** 115 − 46 = _____

**16.** 3,723 − 1,687 = _____

**17.** Find the difference between 5,528 and 2,681. _____

**18.** How would you regroup 4 tens to find the difference between 341 and 228?

_____

**19.** Find the rule. Complete the table.

| In | 260 | 320 | 380 | 440 |
|---|---|---|---|---|
| Out | 230 | 290 | | |

Rule: _____

Complete.

**20.** 276, 283, 290, _____, _____, _____

**21.** 584, 572, 560, _____, _____, _____

**22.** 2,022; 2,038; 2,054; _____; _____; _____

**23.** 189, 184, 179, _____, _____, _____

Name _____

Practice 3-8

## Subtracting with Middle Zeros

Find each difference.

1. $\begin{array}{r} 500 \\ -\ 324 \\ \hline \end{array}$

2. $\begin{array}{r} 7{,}000 \\ -\ 4{,}968 \\ \hline \end{array}$

3. $\begin{array}{r} 308 \\ -\ 136 \\ \hline \end{array}$

4. $\begin{array}{r} 4{,}062 \\ -\ 1{,}292 \\ \hline \end{array}$

5. $\begin{array}{r} 6{,}006 \\ -\ 723 \\ \hline \end{array}$

6. $\begin{array}{r} 3{,}300 \\ -\ 1{,}551 \\ \hline \end{array}$

7. $\begin{array}{r} 5{,}900 \\ -\ 899 \\ \hline \end{array}$

8. $\begin{array}{r} 4{,}003 \\ -\ 423 \\ \hline \end{array}$

9. $\begin{array}{r} 7{,}003 \\ -\ 298 \\ \hline \end{array}$

10. $\begin{array}{r} 6{,}010 \\ -\ 3{,}478 \\ \hline \end{array}$

11. $\begin{array}{r} 4{,}000 \\ -\ 298 \\ \hline \end{array}$

12. $\begin{array}{r} 1{,}303 \\ -\ 797 \\ \hline \end{array}$

13. $8{,}000 - 4{,}449 =$ _____

14. $2{,}000 - 376 =$ _____

15. $601 - 208 =$ _____

16. $7{,}040 - 2{,}634 =$ _____

17. $907 - 359 =$ _____

18. $3{,}005 - 2{,}228 =$ _____

19. $8{,}070 - 688 =$ _____

20. $5{,}800 - 4{,}390 =$ _____

21. What number is 2,438 less than 6,108? _____

22. What number is 146 less than 2,301? _____

23. What number is 329 less than 5,000? _____

24. How could thinking about 90 tens help you find 1,901 − 297?

_____

25. How could thinking about 200 tens help you find 2,004 − 1,559?

_____

Name _____

Practice
Chapter 3
Section B

## Review and Practice

**Vocabulary** Underline the appropriate number to complete each sentence.

1. A front-end estimate of 291 + 450 is (600, 800).

2. (376, 819) is an addend in the number sentence 443 + 376 = 819.

**(Lessons 5 and 6)** Find each sum. Estimate to check.

3. 162 + 435 = _____

4. 234 + 125 = _____

5.
$$\begin{array}{r} 328 \\ 551 \\ +\ 723 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 491 \\ 607 \\ +\ 356 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 664 \\ 78 \\ +\ 5{,}337 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 4{,}729 \\ 920 \\ +\ 4{,}851 \\ \hline \end{array}$$

**(Lessons 7 and 8)** Subtract.

9. 568 − 312 = _____

10. 645 − 560 = _____

11.
$$\begin{array}{r} 600 \\ -\ 357 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 9{,}058 \\ -\ 1{,}215 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 7{,}000 \\ -\ 5{,}839 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 4{,}281 \\ -\ 1{,}687 \\ \hline \end{array}$$

**(Lesson 9)** Solve.

15. Of the students in 4th grade at Lampeter High School, 23 play baseball, 15 play football and 29 are in the band. How many more students play a sport than are in the band? _____

**(Lesson 10)** Add or subtract mentally.

16. 98 + 52 = _____

17. 308 − 250 = _____

**(Lesson 11)** Find each sum or difference.

18.
$$\begin{array}{r} 58{,}900 \\ +\ 50{,}000 \\ \hline \end{array}$$

19.
$$\begin{array}{r} 8{,}999 \\ -\ 457 \\ \hline \end{array}$$

20.
$$\begin{array}{r} 5{,}621 \\ +\ 1{,}677 \\ \hline \end{array}$$

21.
$$\begin{array}{r} 28{,}400 \\ -\ 3{,}700 \\ \hline \end{array}$$

**(Mixed Review)** Complete the pattern and find the rule.

22. 4,000; 8,000; 12,000; _____; _____; _____

Rule: _____

Name _____

Practice 4-2

# Exploring Patterns in Multiplying by 0, 1, 2, 5, and 9

Complete.

1. Multiples of 2 end in _____, _____, _____, _____, or _____.
2. Multiples of 5 end in _____ or _____.
3. Describe the pattern that multiples of 9 follow.

_____

_____

4. Does $3 \times 5 = 5 \times 3$? Explain.

_____

_____

Find each product.

| | | |
|---|---|---|
| 5. $2 \times 3 =$ _____ | 6. $5 \times 4 =$ _____ | 7. $5 \times 6 =$ _____ |
| 8. $9 \times 4 =$ _____ | 9. $7 \times 5 =$ _____ | 10. $5 \times 3 =$ _____ |
| 11. $9 \times 7 =$ _____ | 12. $2 \times 4 =$ _____ | 13. $0 \times 6 =$ _____ |
| 14. $6 \times 1 =$ _____ | 15. $9 \times 8 =$ _____ | 16. $4 \times 5 =$ _____ |
| 17. $2 \times 7 =$ _____ | 18. $1 \times 4 =$ _____ | 19. $6 \times 9 =$ _____ |
| 20. $5 \times 9 =$ _____ | 21. $8 \times 0 =$ _____ | 22. $9 \times 2 =$ _____ |
| 23. $2 \times 0 =$ _____ | 24. $9 \times 6 =$ _____ | 25. $5 \times 2 =$ _____ |
| 26. $7 \times 1 =$ _____ | 27. $6 \times 5 =$ _____ | 28. $9 \times 9 =$ _____ |

29. Find the product of 5 and 8. _____
30. Find the product of 3 and 9. _____
31. Which is greater, $4 \times 5$ or $3 \times 6$? Explain.

_____

32. Which is less, $7 \times 8$ or $6 \times 9$? Explain.

_____

Name _____

Practice 4-3

# Multiplying with 3 and 4 as Factors

Find each product.

| | | | |
|---|---|---|---|
| **1.** 3 × 6 | **2.** 4 × 7 | **3.** 5 × 3 | **4.** 2 × 6 |
| **5.** 9 × 3 | **6.** 7 × 4 | **7.** 4 × 5 | **8.** 8 × 4 |
| **9.** 2 × 3 | **10.** 5 × 4 | **11.** 3 × 4 | **12.** 3 × 7 |
| **13.** 4 × 4 | **14.** 3 × 5 | **15.** 4 × 9 | **16.** 6 × 3 |
| **17.** 3 × 9 | **18.** 4 × 6 | **19.** 4 × 8 | **20.** 3 × 8 |

**21.** $4 \times 3 =$ _____ **22.** $6 \times 4 =$ _____ **23.** $7 \times 3 =$ _____

**24.** $5 \times 7 =$ _____ **25.** $0 \times 4 =$ _____ **26.** $8 \times 4 =$ _____

**27.** Find the product of 3 and 8. _____

**28.** Find the product of 4 and 7. _____

**29.** Find the product of 3 and 9. _____

**30.** Find the product of 4 and 5. _____

**31.** To multiply 6 by 3 you can find the product of 2 and 6 and the product of 1 and 6 and _____ them.

**32.** To multiply 4 by 9 you can find the product of 5 and 9 and the product of 1 and 9 and _____ them.

Name _____

Practice 4-4

# Multiplying with 6, 7, and 8 as Factors

Find each product.

1. $6 \times 4 =$ _____
2. $8 \times 6 =$ _____
3. $7 \times 3 =$ _____
4. $8 \times 8 =$ _____
5. $6 \times 7 =$ _____
6. $7 \times 2 =$ _____
7. $7 \times 7 =$ _____
8. $6 \times 8 =$ _____
9. $8 \times 9 =$ _____
10. $8 \times 7 =$ _____
11. $4 \times 1 =$ _____
12. $6 \times 3 =$ _____
13. $8 \times 3 =$ _____
14. $9 \times 7 =$ _____
15. $6 \times 9 =$ _____
16. $4 \times 2 =$ _____
17. $5 \times 6 =$ _____
18. $6 \times 6 =$ _____

19. $\begin{array}{r} 4 \\ \times\ 6 \\ \hline \end{array}$
20. $\begin{array}{r} 7 \\ \times\ 4 \\ \hline \end{array}$
21. $\begin{array}{r} 4 \\ \times\ 8 \\ \hline \end{array}$
22. $\begin{array}{r} 6 \\ \times\ 3 \\ \hline \end{array}$
23. $\begin{array}{r} 5 \\ \times\ 7 \\ \hline \end{array}$
24. $\begin{array}{r} 3 \\ \times\ 8 \\ \hline \end{array}$
25. $\begin{array}{r} 8 \\ \times\ 6 \\ \hline \end{array}$
26. $\begin{array}{r} 6 \\ \times\ 7 \\ \hline \end{array}$
27. $\begin{array}{r} 2 \\ \times\ 6 \\ \hline \end{array}$
28. $\begin{array}{r} 4 \\ \times\ 7 \\ \hline \end{array}$
29. $\begin{array}{r} 8 \\ \times\ 5 \\ \hline \end{array}$
30. $\begin{array}{r} 7 \\ \times\ 8 \\ \hline \end{array}$
31. $\begin{array}{r} 3 \\ \times\ 6 \\ \hline \end{array}$
32. $\begin{array}{r} 8 \\ \times\ 3 \\ \hline \end{array}$
33. $\begin{array}{r} 8 \\ \times\ 4 \\ \hline \end{array}$
34. $\begin{array}{r} 2 \\ \times\ 7 \\ \hline \end{array}$

35. Draw an array for $6 \times 6 = 36$. Explain why it makes sense to call 36 a square number.

Name _____ **Multiplication Facts: 0 to 9**

| | | | | | |
|---|---|---|---|---|---|
| A. | 9 x 1 = | 5 x 8 = | 2 x 5 = | 7 x 5 = | 4 x 7 = |
| B. | 0 x 5 = | 8 x 0 = | 8 x 6 = | 0 x 9 = | 6 x 3 = |
| C. | 9 x 6 = | 7 x 4 = | 7 x 0 = | 4 x 4 = | 0 x 3 = |
| D. | 6 x 4 = | 1 x 7 = | 3 x 7 = | 3 x 1 = | 5 x 3 = |
| E. | 9 x 9 = | 9 x 3 = | 0 x 4 = | 7 x 9 = | 6 x 0 = |
| F. | 1 x 3 = | 4 x 8 = | 5 x 7 = | 5 x 2 = | 2 x 1 = |
| G. | 9 x 4 = | 1 x 0 = | 7 x 1 = | 0 x 0 = | 3 x 6 = |
| H. | 4 x 3 = | 7 x 8 = | 2 x 4 = | 8 x 5 = | 1 x 2 = |
| I. | 3 x 8 = | 9 x 8 = | 5 x 1 = | 3 x 0 = | 7 x 3 = |
| J. | 8 x 1 = | 5 x 6 = | 2 x 0 = | 6 x 2 = | 0 x 8 = |
| K. | 9 x 7 = | 0 x 1 = | 6 x 6 = | 1 x 6 = | 2 x 9 = |
| L. | 5 x 0 = | 6 x 9 = | 3 x 2 = | 8 x 9 = | 4 x 0 = |
| M. | 7 x 2 = | 2 x 6 = | 0 x 7 = | 3 x 5 = | 4 x 6 = |
| N. | 2 x 3 = | 5 x 9 = | 4 x 2 = | 1 x 1 = | 7 x 7 = |
| O. | 6 x 5 = | 0 x 6 = | 5 x 5 = | 9 x 2 = | 8 x 2 = |
| P. | 3 x 9 = | 6 x 1 = | 1 x 5 = | 2 x 8 = | 2 x 2 = |
| Q. | 1 x 4 = | 1 x 9 = | 4 x 9 = | 0 x 2 = | 6 x 7 = |
| R. | 8 x 4 = | 4 x 5 = | 7 x 6 = | 9 x 5 = | 5 x 4 = |
| S. | 8 x 8 = | 6 x 8 = | 9 x 0 = | 3 x 3 = | 8 x 7 = |
| T. | 3 x 4 = | 4 x 1 = | 2 x 7 = | 8 x 3 = | 1 x 8 = |

**Minutes**

| 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|

**Score** _____

Name _____

**Multiplication Facts: 0 to 9**

| | | | | | |
|---|---|---|---|---|---|
| A. | 7 x 6 = | 4 x 6 = | 2 x 5 = | 0 x 8 = | 5 x 7 = |
| B. | 1 x 5 = | 8 x 9 = | 8 x 2 = | 7 x 1 = | 2 x 4 = |
| C. | 6 x 7 = | 0 x 4 = | 6 x 1 = | 4 x 9 = | 9 x 2 = |
| D. | 5 x 6 = | 6 x 3 = | 2 x 0 = | 3 x 8 = | 0 x 7 = |
| E. | 9 x 6 = | 4 x 2 = | 9 x 9 = | 5 x 0 = | 3 x 3 = |
| F. | 1 x 2 = | 7 x 5 = | 2 x 9 = | 1 x 3 = | 4 x 5 = |
| G. | 6 x 0 = | 3 x 7 = | 0 x 1 = | 7 x 9 = | 1 x 9 = |
| H. | 3 x 4 = | 4 x 8 = | 6 x 6 = | 2 x 3 = | 5 x 5 = |
| I. | 2 x 8 = | 7 x 0 = | 8 x 5 = | 4 x 1 = | 7 x 4 = |
| J. | 9 x 0 = | 1 x 1 = | 3 x 2 = | 6 x 9 = | 6 x 2 = |
| K. | 8 x 6 = | 8 x 1 = | 5 x 1 = | 0 x 3 = | 1 x 4 = |
| L. | 5 x 3 = | 2 x 2 = | 4 x 0 = | 4 x 4 = | 8 x 8 = |
| M. | 0 x 0 = | 8 x 4 = | 6 x 5 = | 2 x 7 = | 3 x 6 = |
| N. | 9 x 5 = | 3 x 1 = | 0 x 6 = | 7 x 8 = | 1 x 8 = |
| O. | 3 x 9 = | 7 x 2 = | 8 x 0 = | 2 x 1 = | 0 x 2 = |
| P. | 9 x 8 = | 1 x 0 = | 9 x 1 = | 5 x 9 = | 7 x 3 = |
| Q. | 6 x 4 = | 9 x 7 = | 1 x 7 = | 9 x 3 = | 5 x 4 = |
| R. | 7 x 7 = | 0 x 5 = | 5 x 8 = | 3 x 0 = | 6 x 8 = |
| S. | 9 x 4 = | 4 x 3 = | 8 x 7 = | 0 x 9 = | 3 x 5 = |
| T. | 1 x 6 = | 5 x 2 = | 2 x 6 = | 4 x 7 = | 8 x 3 = |

**Minutes**

| 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|

**Score**

Name _____

Practice 4-5

## Exploring Patterns in Multiples of 10, 11, and 12

Complete.

1. Multiples of 10 end in _____.

2. Describe the pattern multiples of 11 follow.

_____

3. Multiples of 12 end in ____, ____, ____, ____ or ____.

Find each product.

| | | |
|---|---|---|
| 4. $10 \times 6 =$ _____ | 5. $11 \times 4 =$ _____ | 6. $10 \times 2 =$ _____ |
| 7. $12 \times 7 =$ _____ | 8. $7 \times 11 =$ _____ | 9. $5 \times 10 =$ _____ |
| 10. $12 \times 3 =$ _____ | 11. $2 \times 11 =$ _____ | 12. $4 \times 12 =$ _____ |
| 13. $11 \times 9 =$ _____ | 14. $3 \times 10 =$ _____ | 15. $12 \times 6 =$ _____ |
| 16. $2 \times 12 =$ _____ | 17. $10 \times 7 =$ _____ | 18. $3 \times 11 =$ _____ |
| 19. $11 \times 8 =$ _____ | 20. $10 \times 5 =$ _____ | 21. $12 \times 5 =$ _____ |
| 22. $12 \times 12 =$ _____ | 23. $10 \times 11 =$ _____ | 24. $11 \times 11 =$ _____ |

25. How can you use the fact $11 \times 5 = 55$ to solve $11 \times 6$?

_____

_____

26. If you have 3 dozen bagels, how many bagels do you have? Explain.

_____

27. Marian has 4 trading cards. Bob has 10 times as many. How many trading cards does Bob have? Explain.

_____

Name _____

Practice 4-7

## Reviewing the Meaning of Division

Divide.

1. $15 \div 3 =$ _____
2. $18 \div 9 =$ _____
3. $18 \div 3 =$ _____
4. $36 \div 6 =$ _____
5. $42 \div 6 =$ _____
6. $72 \div 9 =$ _____
7. $49 \div 7 =$ _____
8. $32 \div 8 =$ _____
9. $35 \div 5 =$ _____
10. $24 \div 3 =$ _____
11. $40 \div 4 =$ _____
12. $45 \div 9 =$ _____
13. $27 \div 9 =$ _____
14. $48 \div 6 =$ _____
15. $20 \div 5 =$ _____
16. $56 \div 8 =$ _____
17. $27 \div 9 =$ _____
18. $16 \div 4 =$ _____

19. By what number do you divide 15 to get 3? _____
20. By what number do you divide 49 to get 7? _____
21. By what number do you divide 24 to get 6? _____
22. By what number do you divide 30 to get 5? _____
23. By what number do you divide 12 to get 4? _____
24. By what number do you divide 56 to get 8? _____
25. By what number do you divide 24 to get 3? _____
26. By what number do you divide 81 to get 9? _____

27. What multiplication fact can help you find $36 \div 6$? _____
28. What multiplication fact can help you find $42 \div 7$? _____
29. What multiplication fact can help you find $63 \div 9$? _____
30. What multiplication fact can help you find $36 \div 4$? _____
31. What multiplication fact can help you find $60 \div 5$? _____
32. What multiplication fact can help you find $54 \div 6$? _____
33. What multiplication fact can help you find $35 \div 7$? _____

Name _____ **Division Facts: 0 to 9**

| | | | | | |
|---|---|---|---|---|---|
| A. | 36 ÷ 6 = | 8 ÷ 1 = | 45 ÷ 9 = | 16 ÷ 8 = | 35 ÷ 5 = |
| B. | 24 ÷ 8 = | 27 ÷ 9 = | 20 ÷ 5 = | 21 ÷ 3 = | 8 ÷ 2 = |
| C. | 20 ÷ 4 = | 42 ÷ 7 = | 18 ÷ 6 = | 14 ÷ 2 = | 28 ÷ 7 = |
| D. | 56 ÷ 8 = | 9 ÷ 3 = | 3 ÷ 1 = | 40 ÷ 8 = | 12 ÷ 4 = |
| E. | 10 ÷ 2 = | 48 ÷ 6 = | 45 ÷ 5 = | 0 ÷ 6 = | 15 ÷ 3 = |
| F. | 7 ÷ 7 = | 6 ÷ 2 = | 18 ÷ 9 = | 7 ÷ 1 = | 32 ÷ 4 = |
| G. | 5 ÷ 1 = | 35 ÷ 5 = | 56 ÷ 7 = | 5 ÷ 5 = | 30 ÷ 6 = |
| H. | 18 ÷ 6 = | 15 ÷ 5 = | 18 ÷ 2 = | 72 ÷ 8 = | 2 ÷ 1 = |
| I. | 30 ÷ 5 = | 1 ÷ 1 = | 21 ÷ 7 = | 8 ÷ 4 = | 0 ÷ 3 = |
| J. | 9 ÷ 9 = | 28 ÷ 4 = | 16 ÷ 4 = | 12 ÷ 2 = | 36 ÷ 9 = |
| K. | 8 ÷ 8 = | 27 ÷ 3 = | 6 ÷ 6 = | 6 ÷ 3 = | 0 ÷ 4 = |
| L. | 12 ÷ 3 = | 81 ÷ 9 = | 0 ÷ 2 = | 49 ÷ 7 = | 36 ÷ 9 = |
| M. | 30 ÷ 6 = | 32 ÷ 8 = | 9 ÷ 1 = | 0 ÷ 8 = | 14 ÷ 7 = |
| N. | 35 ÷ 7 = | 16 ÷ 2 = | 0 ÷ 7 = | 42 ÷ 6 = | 6 ÷ 1 = |
| O. | 45 ÷ 9 = | 24 ÷ 4 = | 10 ÷ 5 = | 0 ÷ 1 = | 12 ÷ 6 = |
| P. | 2 ÷ 2 = | 0 ÷ 5 = | 24 ÷ 6 = | 40 ÷ 5 = | 24 ÷ 3 = |
| Q. | 54 ÷ 6 = | 27 ÷ 9 = | 18 ÷ 3 = | 25 ÷ 5 = | 63 ÷ 9 = |
| R. | 64 ÷ 8 = | 4 ÷ 1 = | 4 ÷ 4 = | 0 ÷ 9 = | 4 ÷ 2 = |
| S. | 72 ÷ 8 = | 63 ÷ 7 = | 48 ÷ 8 = | 72 ÷ 9 = | 24 ÷ 8 = |
| T. | 36 ÷ 4 = | 54 ÷ 9 = | 3 ÷ 3 = | 40 ÷ 5 = | 14 ÷ 7 = |

**Minutes**

| 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|

**Score** _____

Name _____

**Division Facts: 0 to 9**

| | | | | | |
|---|---|---|---|---|---|
| A. | 32 ÷ 8 = | 64 ÷ 8 = | 4 ÷ 2 = | 36 ÷ 6 = | 35 ÷ 5 = |
| B. | 48 ÷ 6 = | 9 ÷ 3 = | 18 ÷ 6 = | 16 ÷ 2 = | 56 ÷ 7 = |
| C. | 27 ÷ 9 = | 63 ÷ 7 = | 48 ÷ 8 = | 9 ÷ 9 = | 21 ÷ 3 = |
| D. | 10 ÷ 2 = | 36 ÷ 9 = | 4 ÷ 1 = | 24 ÷ 4 = | 81 ÷ 9 = |
| E. | 40 ÷ 5 = | 42 ÷ 7 = | 54 ÷ 6 = | 2 ÷ 2 = | 21 ÷ 7 = |
| F. | 49 ÷ 7 = | 6 ÷ 1 = | 8 ÷ 4 = | 7 ÷ 1 = | 32 ÷ 4 = |
| G. | 72 ÷ 8 = | 12 ÷ 6 = | 8 ÷ 1 = | 12 ÷ 4 = | 3 ÷ 1 = |
| H. | 24 ÷ 3 = | 20 ÷ 5 = | 16 ÷ 8 = | 0 ÷ 1 = | 56 ÷ 7 = |
| I. | 27 ÷ 9 = | 32 ÷ 4 = | 0 ÷ 3 = | 63 ÷ 9 = | 40 ÷ 8 = |
| J. | 0 ÷ 7 = | 1 ÷ 1 = | 14 ÷ 7 = | 6 ÷ 3 = | 14 ÷ 2 = |
| K. | 30 ÷ 6 = | 12 ÷ 3 = | 64 ÷ 8 = | 49 ÷ 7 = | 0 ÷ 6 = |
| L. | 8 ÷ 8 = | 42 ÷ 6 = | 0 ÷ 2 = | 5 ÷ 5 = | 28 ÷ 4 = |
| M. | 45 ÷ 9 = | 35 ÷ 7 = | 4 ÷ 4 = | 8 ÷ 2 = | 24 ÷ 8 = |
| N. | 0 ÷ 4 = | 12 ÷ 2 = | 30 ÷ 5 = | 12 ÷ 4 = | 18 ÷ 3 = |
| O. | 32 ÷ 8 = | 6 ÷ 6 = | 27 ÷ 3 = | 0 ÷ 9 = | 45 ÷ 5 = |
| P. | 5 ÷ 1 = | 15 ÷ 5 = | 2 ÷ 1 = | 3 ÷ 3 = | 42 ÷ 6 = |
| Q. | 7 ÷ 7 = | 56 ÷ 8 = | 18 ÷ 2 = | 0 ÷ 5 = | 7 ÷ 1 = |
| R. | 72 ÷ 9 = | 20 ÷ 4 = | 0 ÷ 8 = | 36 ÷ 4 = | 36 ÷ 6 = |
| S. | 25 ÷ 5 = | 9 ÷ 1 = | 28 ÷ 4 = | 54 ÷ 9 = | 28 ÷ 7 = |
| T. | 15 ÷ 3 = | 18 ÷ 9 = | 24 ÷ 6 = | 6 ÷ 2 = | 45 ÷ 9 = |

**Minutes**

| 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|

**Score**

Name _____ **Multiplication and Division Facts: 0 to 9**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| A. | 5 x 0 | 4 x 1 | 2 x 6 | $5\overline{)25}$ | 7 x 3 | $4\overline{)28}$ | 5 x 7 | $3\overline{)3}$ | 1 x 7 | $7\overline{)28}$ |
| B. | $2\overline{)14}$ | 8 x 2 | 3 x 2 | $7\overline{)21}$ | 0 x 6 | 8 x 8 | $5\overline{)10}$ | 4 x 2 | $9\overline{)81}$ | $9\overline{)36}$ |
| C. | $4\overline{)32}$ | 6 x 3 | 5 x 9 | $3\overline{)0}$ | $2\overline{)12}$ | 2 x 1 | 8 x 0 | $8\overline{)48}$ | 3 x 5 | 7 x 9 |
| D. | $6\overline{)42}$ | 1 x 4 | 3 x 0 | $7\overline{)0}$ | 5 x 3 | $6\overline{)24}$ | 0 x 2 | 6 x 5 | 9 x 3 | $5\overline{)5}$ |
| E. | $2\overline{)2}$ | 3 x 6 | 9 x 7 | 3 x 1 | $6\overline{)30}$ | $1\overline{)0}$ | 7 x 7 | 0 x 9 | $3\overline{)6}$ | 8 x 5 |
| F. | 2 x 0 | $5\overline{)5}$ | $4\overline{)12}$ | 6 x 0 | 1 x 1 | $1\overline{)7}$ | $9\overline{)18}$ | 5 x 4 | $8\overline{)24}$ | 1 x 9 |
| G. | 9 x 1 | 6 x 6 | 0 x 4 | $9\overline{)72}$ | $2\overline{)14}$ | 4 x 4 | $5\overline{)45}$ | $7\overline{)42}$ | 2 x 8 | 7 x 0 |
| H. | $3\overline{)24}$ | 5 x 2 | $8\overline{)32}$ | 3 x 3 | $5\overline{)0}$ | $1\overline{)6}$ | 0 x 8 | $3\overline{)12}$ | $8\overline{)40}$ | 6 x 9 |
| I. | 7 x 5 | $4\overline{)24}$ | $7\overline{)14}$ | 9 x 6 | 2 x 4 | $1\overline{)8}$ | $9\overline{)27}$ | 4 x 0 | 1 x 0 | $8\overline{)56}$ |
| J. | $2\overline{)18}$ | 1 x 8 | 9 x 0 | $6\overline{)6}$ | 9 x 8 | 8 x 7 | $4\overline{)36}$ | 0 x 1 | 4 x 5 | $6\overline{)48}$ |

**Minutes**

| 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|

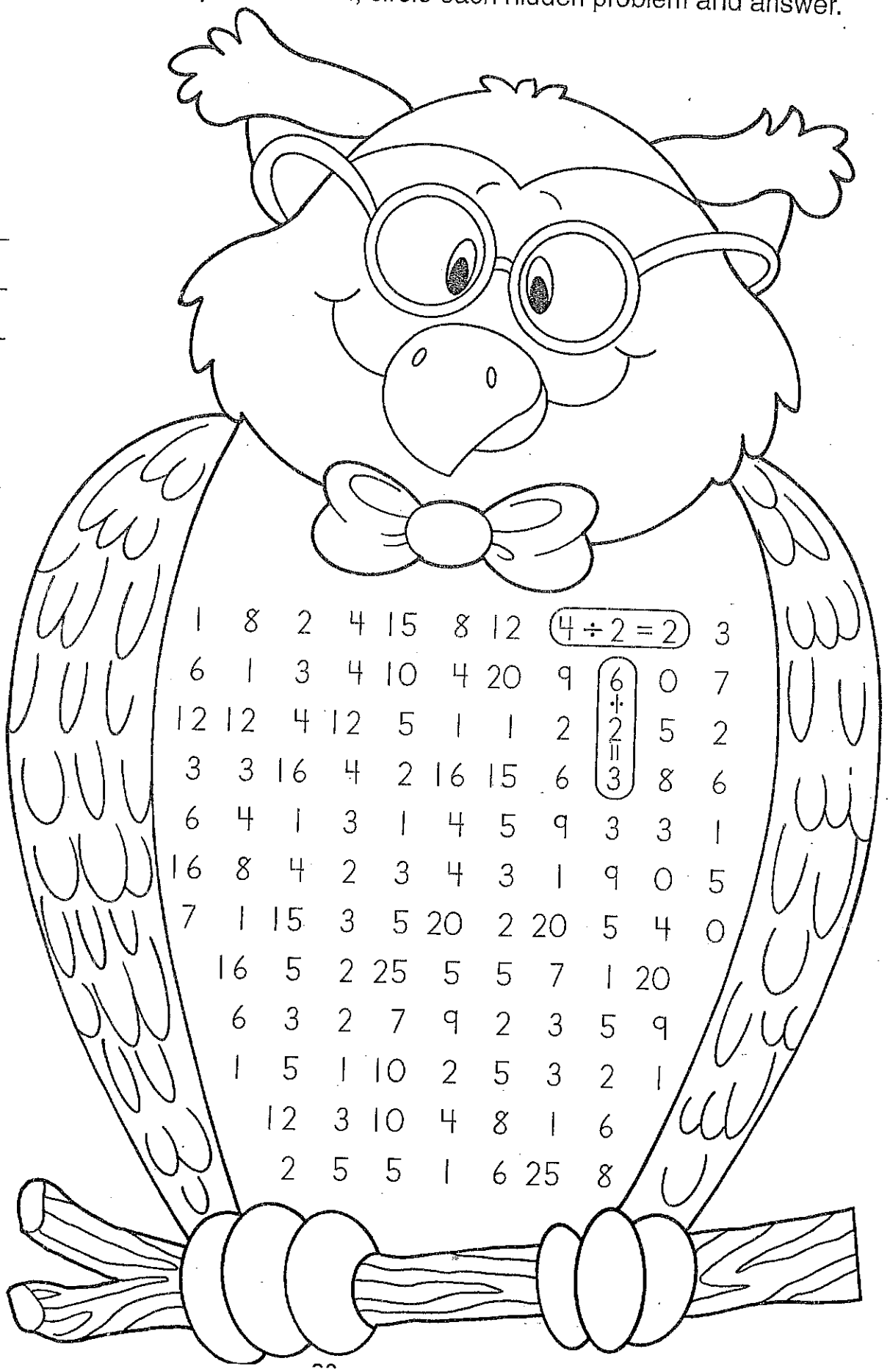
**Score** _____

Name_____ **Division Facts: 0 to 5**

Divide to solve the problems in the problem list. Use ÷ and = to find the same problems hidden across and down in the puzzle. Then, circle each hidden problem and answer.

**Problem List**

$3 \div 3 =$ ____
$15 \div 5 =$ ____
$20 \div 5 =$ ____
$25 \div 5 =$ ____
$10 \div 2 =$ ____
$8 \div 4 =$ ____
$9 \div 3 =$ ____
$20 \div 4 =$ ____
$15 \div 3 =$ ____
$4 \div 2 =$ ____
$12 \div 3 =$ ____
$12 \div 4 =$ ____
$5 \div 5 =$ ____
$10 \div 5 =$ ____
$8 \div 2 =$ ____
$6 \div 3 =$ ____
$16 \div 4 =$ ____
$6 \div 2 =$ ____



| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 8 | 2 | 4 | 15 | 8 | 12 | 4÷2=2 | 3 | | | |
| 6 | 1 | 3 | 4 | 10 | 4 | 20 | 9 | 6 | 0 | 7 | |
| 12 | 12 | 4 | 12 | 5 | 1 | 1 | 2 | ÷ 2 | 5 | 2 | |
| 3 | 3 | 16 | 4 | 2 | 16 | 15 | 6 | = 3 | 8 | 6 | |
| 6 | 4 | 1 | 3 | 1 | 4 | 5 | 9 | 3 | 3 | 1 | |
| 16 | 8 | 4 | 2 | 3 | 4 | 3 | 1 | 9 | 0 | 5 | |
| 7 | 1 | 15 | 3 | 5 | 20 | 2 | 20 | 5 | 4 | 0 | |
| | 16 | 5 | 2 | 25 | 5 | 5 | 7 | 1 | 20 | | |
| | 6 | 3 | 2 | 7 | 9 | 2 | 3 | 5 | 9 | | |
| | 1 | 5 | 1 | 10 | 2 | 5 | 3 | 2 | 1 | | |
| | | 12 | 3 | 10 | 4 | 8 | 1 | 6 | | | |
| | | 2 | 5 | 5 | 1 | 6 | 25 | 8 | | | |

Name _____ **Division Facts: 0 to 9**

Divide to solve the problems in the problem list. Use ÷ and = to find the same problems hidden across and down in the puzzle. Circle each hidden problem.

**Problem List**

81 ÷ 9 = ____

9 ÷ 1 = ____

27 ÷ 3 = ____

36 ÷ 4 = ____

18 ÷ 2 = ____

24 ÷ 6 = ____

32 ÷ 8 = ____

18 ÷ 3 = ____

16 ÷ 4 = ____

40 ÷ 5 = ____

48 ÷ 8 = ____

42 ÷ 7 = ____

63 ÷ 7 = ____

56 ÷ 8 = ____

45 ÷ 9 = ____

72 ÷ 9 = ____

54 ÷ 6 = ____

64 ÷ 8 = ____