## Fifth Grade Math Overview



# Grade 5 Math Workbook 

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## Lesson

# New Skills Practice: Adding, Carrying, and Columns of Numbers 

1. $\begin{array}{r}18 \\ +31 \\ \hline\end{array}$
2. 809
$+12$
3. 562
4. 78
$+37$
$+257$
5. Matt went on a two-day trip with his family. The first day they drove 314 miles. The second day they drove 278 miles. How many miles did they drive altogether during those two days?
6. Jim has 19 arrowheads in his collection, and last week he found 12 more arrowheads while he was hiking in North Carolina. How many arrowheads does Jim have now?
7. Laura has a collection of 76 postage stamps from around the world. Jamie has 59 stamps. How many stamps do they have together?
8. Jackie bicycled 23 miles to see Becky, spent the night, and then bicycled back the next day. How many miles did Jackie bicycle altogether those two days?
9. $\begin{array}{r}6 \\ +85 \\ \hline\end{array}$
10. 608

| +515 |
| :--- |

11. 20

| +182 |
| :--- |

12. 

$\begin{array}{r}434 \\ +\quad 96 \\ \hline\end{array}$
13. 315

409
40
$+435$
14. 480

423
23
412 $\begin{array}{r}+\quad 70 \\ \hline\end{array}$
15. 712

54
332

$$
+\quad 81
$$

16. 728

403
67
27
$\begin{array}{r}+\quad 93 \\ \hline\end{array}$
17. Mary and Todd went on a bike trip. The first day they biked 17 miles, and the second day they traveled 19 miles. Then they turned around and bicycled back home again by the same route. How many miles did they travel in all?
18. Jane's family drove from their home in Buffalo, New York, to her grandmother's house in Atlanta, Georgia. The first day they drove 217 miles, the second day they went 229 miles, the third day they traveled 314 miles, and the fourth day they drove 215 miles. How many miles did they travel to get to Jane's grandmother's house?
19. Akebo cut grass during the summer. He had $\$ 36$ at the beginning of June. He earned $\$ 120$ during June, $\$ 135$ during July, and $\$ 150$ in August. If he didn't spend any of the money he earned, how much money did he have at the end of August?
20. Shoshana's family has 2 dogs, 3 cats, 5 horses, 1 rabbit, and 4 goats. How many animals do they have?

## Lesson

Test

$$
\text { 1. } \begin{array}{rrrrr}
216 & \text { 2. } & 81 & \text { 3. } & 93 \\
+\quad 87 \\
& 72 & & 39 & \text { 4. } \\
& +96 & 952 & 445 \\
& & 386 & 532 \\
& & +85 & +456 \\
& & & &
\end{array}
$$

5. 679

545
685
272
$+723$
6. 80
$+21$
-
7. 19
8. 409

48
903

| $+\quad 28$ |
| :--- |

432
30
50
$+35$
9. 772
$+623$
10. $\begin{array}{r}60 \\ 403\end{array}$
11.

| 83 |
| ---: |
| 38 |
| +948 |

13. 707

837
50
$+474$
14. 65
$+485$
15. 89
70
77
33
$\begin{array}{r}+79 \\ \hline\end{array}$
17. Amanda has four dogs. One weighs 25 pounds, another weighs 42 pounds, one weighs 14 pounds, and another weighs 55 pounds. How much do all four dogs weigh together?
18. Julia is planning a four-day trip to visit her cousin Kristy. She has figured out that she'll need $\$ 10$ the first day, $\$ 15$ the second day, $\$ 25$ the third day, and $\$ 15$ the last day. How much money will Julia need to take on her trip?
19. John McArthur owns a computer software business. Last week, he sold 38 copies of his software on Monday, 43 on Tuesday, 17 on Wednesday, 33 on Thursday, and 41 on Friday. How many copies of software did Mr. McArthur sell last week?
20. Melissa has a postcard collection. Before she went on a trip to Florida, she had 147 postcards. While she was in Florida, she bought 5 postcards in Sarasota, 4 cards in Venice, 6 in Port Charlotte, and 7 in Fort Meyers. How many postcards did she have in her collection when she returned from her trip?

## Learning Checklist

You will find a checklist at the end of each lesson that will help you keep track of the skills you are working on: what you need help with, what you can do on your own, and what feels easy. Take a few moments to fill it out after you have finished your test for each lesson. You can also add notes to help your parent or teacher understand how to help you (or your parent might want to add notes in this space).

Please remember that these skills continue to develop over time so don't worry if you can't do all of them yet. The main goal is to be aware of which skills you need to focus on.

| SKILLS | Developing | Consistent | Competent |  |
| :--- | :--- | :--- | :--- | :--- |
| Use carrying to add whole numbers <br> with three or more digits |  |  |  | Notes |
| Translate word problems into <br> numeric equations |  |  |  |  |
| Solve word problems by writing in <br> complete sentences and including <br> the correct label for what is being <br> measured (inches, hours, apples, <br> etc.) |  |  |  |  |
| Add columns of three or more <br> whole numbers |  |  |  |  |

## Lesson

## Skills Check

1. 818 $+5,775$
2. 123

492
14
657
$+6,436$
3. 5,175

922
1,941
+420
4. 3,855

5,311
38
798

| $+\quad 17$ |
| :--- |

5. 7,117

723
82
4,672
$\begin{array}{r}+\quad 912 \\ \hline\end{array}$
6. 5,550

1,003
8,167
$+9,853$
7. 980

109
117
$\begin{array}{r}+7,985 \\ \hline\end{array}$
8. Melissa's friends are soliciting contributions to help homeless people in their community. They will donate all of the money to an organization called Help the Homeless. Melissa gave $\$ 22$, Jill contributed $\$ 15$, Joe gave $\$ 12$, Sam's Used Cars donated $\$ 75$, and Hill Street Church donated $\$ 125$. How much money did Melissa and her friends collect?
9. Smith Industries produces fishing rods. In April they manufactured 1,279 rods, in May they made 1,426 , and in June they created 1,612. How many fishing rods did Smith Industries create during April, May, and June?
10. Springfield Library had 1,279 books in the children's section. A retired schoolteacher donated another 138 children's books to the library. How many children's books did the library have after the new donation?

## Lesson



## New Skills Practice: Place Value, Rounding

1. $90+2,472$
2. $981+85$
3. What is the value of the 8 in $617,385,002$ ?
4. What is the value of the 1 in $519,400,960$ ?

Write the following using words:
5. $86,394,872$
6. $2,918,006,241$

Write the following using numbers:
7. Twenty-four million, three hundred five thousand, five hundred eighteen

Round the following numbers to the nearest thousand:
8. 589,653
9. 51,520

Round to the nearest ten thousand:
10. 60,011
11. 69,831

Round to the nearest hundred thousand:
12. $2,396,045$
13. $4,229,162$

Round to the nearest million:
14. $3,686,249$
15. $68,206,111$

Round to the nearest hundred million:
16. $1,456,598,034$

## Lesson

## Test

1. $\begin{array}{r}2,028 \\ +\quad 454 \\ \hline\end{array}$

| +454 |
| :--- |

4. 1,545
1.52
$+\quad 9$

$$
\text { 7. } \begin{array}{r}
9,073 \\
+3,409 \\
\hline
\end{array}
$$

5. 

124
$+5,417$
6. 5,263

50
895
495
$\begin{array}{r} \\ +\quad 59 \\ \hline\end{array}$
2. $24+2,618$
3. 21

35
272
$+3,562$
8.

| 80 |
| ---: |
| 8,358 |
| 8,031 |
| 471 |
| $+\quad 15$ |

9. 63

9,991

| +285 |
| :--- |

10. $\quad 8,859$
11. 2,231
111
$\begin{array}{r}2,231 \\ +5,437 \\ \hline\end{array}$
12. 996
67

| $+\quad 25$ |
| :--- |

6,584
602
$+\quad 6$
13. What is the value of the 7 in $693,271,441$ ?
14. What is the value of the 3 in $1,462,395$ ?

Write the following using words:
15. $1,396,407,892$
16. $366,200,980$

Write the following using numbers:
17. Fifty-six million, two hundred forty thousand, five hundred sixty-two
18. Six billion, seven hundred five million, two hundred twenty-one thousand, seven hundred ninety-six

Round to the nearest hundred thousand:
19. $1,714,982$

Round to the nearest ten million:
20. $936,445,609$

## Learning Checklist

Fill out this checklist to keep track of the skills you are working on. You can also add notes to help your parent or teacher understand how to help you (or your parent might want to add notes in this space). Please remember that these skills continue to develop over time so don't worry if you can't do all of them yet. The main goal is to be aware of which skills you need to focus on.

| SKILLS | Developing | Consistent | Competent |  |
| :--- | :--- | :--- | :--- | :--- |
| Translate horizontal problems into <br> vertical format and solve |  |  |  | Notes |
| Identify place value to one billion |  |  |  |  |
| Correctly write large numbers <br> using words |  |  |  |  |
| Round numbers accurately |  |  |  |  |

## Lesson

1. Matthew takes home $\$ 1,500$ per month as a shipping clerk at Jones Electronics. His monthly rent payment is $\$ 625$ per month. How much does Matthew have left for other expenses after he pays his rent each month?
2. Habib has a goal of saving $\$ 1,000$ each year. So far this year he's saved $\$ 785$. How much more does he have to save to reach his goal for the year?
3. Jurgen took a two-week vacation to Holland, and brought $\$ 1,000$ in traveler's checks with him. At the end of the first week, he had $\$ 560$ left. How much did Jurgen spend during the first week?
4. Melinda was born in 1989. How old will she be in 2025?
5. Chris is looking for a used car, and he found one on sale at Summerville Motors for $\$ 4,999$. It normally sells for $\$ 5,675$. How much of a savings is that?

## Lesson

# New Skills Practice: Checking Subtraction by Adding, Checking Addition by Subtracting 

Solve the following problems, then check your answers.

1. 3,062
$\begin{array}{r}381 \\ -\quad 5 \\ \hline\end{array}$
2. 531
$-289$
3. 7,000
$-2,497$
4. 603
$-215$
5. 9,024

- 375

Solve the following problems, then check your answers.
7. 481
$+392$
8. 6,281
$+\quad 92$
9. 365
$+42$
10. 505
$+206$
11. 1,251
$+\quad 160$
12. 6,587
$+\quad 243$

## Lesson

Test

1. 387
$+\quad 99$
2. 8,024

- 646

3. 3,117
$-1,359$
4. $209+16$
5. 23

248
5,961

$$
\begin{array}{r} 
\\
+\quad 506 \\
\hline
\end{array}
$$

6. 400
$-31$
7. 

48
3,092
3,700
$+\quad$
10. 8,902

- 465

11. 123
12. $1,265-176$

456

| $+\quad 7$ |
| :--- |

13. Round $1,449,234$ to the nearest hundred thousand.
14. How many years are 10 centuries?
15. The West River Church sponsored an Apple Pie Festival to raise money for the church. They made 300 pies for the festival, and when the festival ended they had only 17 pies left. How many pies did they sell at the festival?
16. Jane was born in 1986. How old will she be in 2050?
17. John's new mountain bike normally costs $\$ 600$, but the dealer reduced the price by $\$ 125$. How much did John pay for his bike?
18. Fernando's Furniture Factory sold 1,004 sofas during 1999, and they sold 896 sofas during 1998. How many more sofas did they sell during 1999 than in 1998?
19. Kirsten bought a used car for $\$ 3,600$. She made a $\$ 360$ down payment on it. How much more does Kirsten owe on the car?
20. Holly went on a two-week trip to Europe and took $\$ 1,500$ with her. After one week, she counted her money and found she had $\$ 723$ left. How much did she spend during her first week?

## Learning Checklist

| SKILLS | Developing | Consistent | Competent | Notes |
| :--- | :--- | :--- | :--- | :--- |
| Use addition to check subtraction <br> answers |  |  |  |  |
| Use subtraction to check addition <br> answers |  |  |  |  |

## Lesson

## Skills Check

1. 1,327
$\begin{array}{r} \\ \times \quad 648 \\ \hline\end{array}$
2. $3 0 \longdiv { 9 , 3 6 0 }$
3. 2,013
$-1,429$
4. Three dollars and five cents + eighty cents
5. $\begin{array}{r}3,267 \\ +\quad 548\end{array}$
6. $\$ 38.47$
$+\quad 3.91$
7. $7 \longdiv { 2 , 5 8 2 }$
8. There are 120 basketball players in the tournament. If each team has 10 players, how many teams are in the tournament?
9. The Flynt Theater can seat 10,350 people. There are 90 rows of seats in the theater. If each row has the same number of seats, how many seats are in each row?

## Lesson

New Skills Practice: Adding and Subtracting Fractions with Common Denominators, Locating Fractions on a Number Line

1. $\frac{1}{4}+\frac{2}{4}$
2. $\frac{3}{8}+\frac{2}{8}$
3. $\frac{5}{10}+\frac{2}{10}$
4. $\frac{1}{3}+\frac{1}{3}$
5. $\frac{3}{6}+\frac{2}{6}$
6. $\frac{5}{9}+\frac{2}{9}$
7. $\frac{6}{9}-\frac{4}{9}$
8. $\frac{9}{11}-\frac{8}{11}$
9. $\frac{7}{12}-\frac{5}{12}$
10. $\frac{4}{8}-\frac{1}{8}$
11. $\frac{6}{7}-\frac{1}{7}$
12. $\frac{5}{6}-\frac{2}{6}$
13. Draw a number line showing the whole numbers 16 through 19 and divisions between whole numbers in thirds.
14. Place the numbers 10 to 13 on a number line, showing four divisions between whole numbers.
15. Place the numbers 8 to 11 on a number line, showing six divisions between whole numbers.

Write the number indicated by the arrow.
16.

17.

18.


## Lesson



## Test

1. 
2. $\frac{3}{12}+\frac{5}{12}$
3. $2 5 \longdiv { 2 , 6 2 0 }$
4. Twenty dollars
minus
four dollars and sixteen cents
5. $\frac{12}{16}-\frac{9}{16}$
6. $8 \longdiv { 7 3 1 }$
7. $\frac{7}{9}-\frac{5}{9}$
8. $\$ 12.54$

- 9.87

9. Janet plans to save $\$ 50$ a month. If she saves this much each month for a year, how much will she have saved?
10. The Community Service Program raised $\$ 9,650$ to feed homeless people in their community. If 50 homeless people sign up for this program, how much can Community Service spend on each person?
11. Mitch earned $\$ 30.00$ cutting grass, but he had to spend $\$ 3.85$ of his earnings on gas for his lawn mower. How much does he have left after buying gas?
12. Armand bought tools at the hardware store. The tools totaled $\$ 34.80$ and the tax was $\$ 2.09$. How much did Armand have to pay?

## Learning Checklist

| SKILLS | Developing | Consistent | Competent |  |
| :--- | :--- | :--- | :--- | :--- |
| Explain concept of fractions |  |  |  | Notes |
| Add fractions with common <br> denominators |  |  |  |  |
| Subtract fractions with common <br> denominators |  |  |  |  |
| Create number lines in various <br> increments |  |  |  |  |
| Locate fractions and mixed <br> numbers on a number line |  |  |  |  |



## Skills Review: Test

Find three equivalent fractions for the following fraction by expanding it by these amounts:
a. $\frac{2}{2}$; b. $\frac{3}{3}$; c. $\frac{4}{4}$.

1. $\frac{2}{3}$
2. Find an equivalent fraction for $\frac{3}{6}$ that has a denominator of 12 .
3. Find an equivalent fraction for $\frac{1}{2}$ that has a denominator of 16 .

Reduce the following fractions to lowest terms.
4. $\frac{12}{20}$
5. $\frac{12}{15}$
6. Grace's cat weighs 8 pounds. How many ounces is that?
7. Frank gained 12 ounces since he last weighed himself. What fraction of a pound is that? Reduce the fraction to lowest terms.

Write the number indicated by the arrow. Reduce fractions to lowest terms.
8.

9.

10. If 16 ounces are in 1 pint, 2 pints are in a quart, and 4 quarts are in a gallon, how many ounces are in a gallon?
11. George is making eggnog, and the recipe calls for 4 cups of milk. He doesn't have a measuring cup, but he has a full quart of milk in the refrigerator. How much of the quart should he use for the recipe?

Solve these problems. Reduce all fractions in answers to lowest terms.
12. $14 \frac{7}{9}+6 \frac{5}{9}$
13. $15 \frac{11}{16}+21 \frac{9}{16}$
14. $7 \frac{1}{2}+5 \frac{1}{2}$
15. $17 \frac{3}{4}-4 \frac{1}{4}$
16. $23 \frac{5}{8}-12 \frac{3}{8}$
17. $27-\frac{6}{8}$
18. $22-12 \frac{6}{7}$
19. Jim is on his way to Chicago, and he's driving 65 miles per hour on the interstate highway. He just saw a sign that said he was 195 miles from Chicago. If he maintains his present speed, how many hours will it take him to get to Chicago?
20. If Armand earns $\$ 450$ per week, how much does he earn in a year? (There are 52 weeks in a year.)

## Lesson 23 Learning Checklist

| CUMULATIVE SKILLS <br> LESSONS 19-22 | Developing | Consistent | Competent |  |
| :--- | :--- | :--- | :--- | :--- |
| Can explain concept of renaming <br> fractions by expanding and <br> reducing |  |  |  | Notes |
| Use multiplication to expand <br> fractions |  |  |  |  |
| Find equivalent fractions with <br> specific denominators |  |  |  |  |
| Use division to reduce fractions |  |  |  |  |
| Reduce fractions to lowest terms |  |  |  |  |
| Convert between different units of <br> weight measurements |  |  |  |  |
| Convert between different units of <br> liquid measurements |  |  |  |  |
| Convert improper fractions to <br> mixed numbers |  |  |  |  |
| Add mixed numbers with common <br> denominators |  |  |  |  |
| Subtract mixed numbers with <br> common denominators |  |  |  |  |
| Add and subtract mixed numbers <br> and whole numbers |  |  |  |  |
| Convert between different units of <br> measuring distances |  |  |  |  |
| Solve rate and distance problems |  |  |  |  |

## Appendix

Extra Practice Worksheets ..... 283
Answer Key ..... 373

# Adding Whole Numbers Using Carrying 

1. 28
$+71$
2. 325
$+627$
3. 243
4. 56
$+766$
5. $\begin{array}{r}472 \\ +\quad 13 \\ \hline\end{array}$
6. 30
$+84$
7. 83
$+535$
8. $\begin{array}{r}11 \\ +60 \\ \hline\end{array}$
9. 226
$+62$
10. 828
$+884$
11. 384 $+561$
12. 986
$\begin{array}{r}+\quad 42 \\ \hline\end{array}$
13. 61
14. 30
$+585$
$+71$
15. 906
$\begin{array}{r}+719 \\ \hline\end{array}$
16. 711
$\begin{array}{r}+\quad 85 \\ \hline\end{array}$

# Word Problems Using Addition 

1. Linda's soccer team had 18 players, then 5 new players joined. How many members are on the team now?
2. Melissa has 28 CDs. Eli has 17. What is the total number of CDs they have?
3. Kristina's family drove from Washington, DC, to New York City and then to Boston, MA. Washington is 248 miles from New York, and Boston is 211 miles from New York. How many miles did Kristina's family drive on their trip from Washington to Boston?
4. Randi helped her father plant a garden. Her father planted 14 rows of spinach and Randi planted 10 rows of tomatoes. How many rows did they plant together?
5. Jason stayed at his family's cabin on Lake Champlain for 25 days in July and 13 days in August. How many days did Jason stay at the cabin during July and August?
6. Jonathan had $\$ 305$, and he earned another $\$ 18$ cutting grass. How much money does he have now?
7. John's family is visiting Jill's family for the weekend. If John's family includes 3 children and Jill's family includes 2 children, how many children are present when both families are together?
8. Alice played her violin for 1 hour on Saturday and 2 hours on Sunday. How many hours did she play her violin over the weekend?
9. Josh read 14 pages in Harry Potter and the Sorcerer's Stone on Monday, and 23 pages on Tuesday. How many pages did Josh read on Monday and Tuesday?
10. Samantha helped her father stack wood for their woodstove. She stacked for 45 minutes on Saturday and 35 minutes on Sunday. What is the total number of minutes that Samantha spent stacking wood over the weekend?
11. Jen had 4 cats. On Tuesday, one of her cats had 6 kittens. How many cats does Jen have now?
12. Alisha had a pizza party with four of her friends. Alisha ate 6 pieces of pizza, Mark had 11, Miranda ate 5 , Julie had 12, and Jonathan ate 9 . How many pieces of pizza did they all eat?
13. Joanne sold magazine subscriptions to earn money during the summer. The first week she sold 16 subscriptions, the second week she sold 25 , and the third week she sold 19. How many subscriptions did she sell for the three-week period?
14. Fred's Fine Cars sold 46 cars in April, 53 in May, 65 in June, 58 in July, and 53 in August. How many cars were sold at Fred's Fine Cars from April through August?
15. Chris and his friends were counting their CD collections. Chris had 14 CDs, Mike had 18 , Natalie had 23, and Kirsten had 16. How many CDs did they have in all?

# More Adding Whole Numbers Using Carrying 

1. 8
$+19$
2. $\begin{array}{r}9 \\ +73\end{array}$
3. 55
4. 1
$+49$
$+13$
5. 309
$+31$
6. 

$+20$
7.
$\begin{array}{r}7 \\ +3 \\ \hline\end{array}$
8. 4
$+10$
9.
10. 766
$+50$
11. $\begin{array}{r}431 \\ +\quad 39\end{array}$
12. $\begin{array}{r}1 \\ +9\end{array}$
13.
14.
15.

21
+3
16. 4
$+632$

## Adding Columns of Whole Numbers

1. 99

13
$+90$
2. 887

61
455
447
$+353$
3. 25

544
734
769
$\begin{array}{r}+\quad 61 \\ \hline\end{array}$
7. 316
8. 68
7. $\quad 918$
+912
557
44
$\begin{array}{r}+\quad 88 \\ \hline\end{array}$
$+389$
5. 64

869
$\begin{array}{r} \\ +\quad 52 \\ \hline\end{array}$
6. 262
6. $\begin{array}{r}262 \\ \\ \hline\end{array}$

57 2
10. 274

852
269
$+103$
11. 37

202
$+106$
12. 92

391
27
88
+370
+

## Answer Key

## Skill Practice and Test Problems

## Lesson 1

## New Skills Practice

1. 49
2. 821
3. 599
4. 335
5. 592 miles
6. 31 arrowheads
7. 135 stamps
8. 46 miles
9. 91
10. 202
11. 530
12. 1,199
13. 1,408
14. 1,318
15. 72 miles
16. 975 miles
17. $\$ 441$

- 1 T

1. 303
2. 249
3. 1,555
4. 1,489
5. 2,904
6. 101
7. 998
8. 956
9. 1,395
10. 1,080
11. 1,069
12. 96
13. 2,068
14. 550
15. 348
16. 1,432
17. 136 pounds
18. $\$ 65$
19. 172 copies
20. 169 postcards

## Lesson 2

## Skills Check

1. 6,593
2. 24,573
3. 7,722
4. 9,191
5. 8,458
6. $\$ 249$
7. 10,019
8. 4,317 rods
9. 13,506
10. 1,417 books

## New Skills Practice

1. 2,562
2. 1,066
3. 80,000
4. 10,000,000
5. Eighty-six million, three hundred ninety-four thousand, eight hundred seventy-two
6. Two billion, nine hundred eighteen million, six thousand, two hundred forty-one
7. $24,305,518$
8. 590,000
9. 52,000
10. 60,000
11. 70,000
12. 2,400,000
13. $4,200,000$
14. 4,000,000
15. $68,000,000$
16. 1,500,000,000

## Lesson 2 Test

1. 2,482
2. 5,541
3. 10,339
4. 70,000
5. 2,642
6. 6,762
7. 8,995
8. 300
9. 3,890
10. 12,482
11. 7,668
12. 1,637
13. 16,955
14. 8,249
15. One billion, three hundred ninety-six million, four hundred seven thousand, eight hundred ninety-two
16. Three hundred sixty-six million, two hundred thousand, nine hundred eighty
17. $56,240,562$
18. $6,705,221,796$
19. 1,700,000
20. 940,000,000
21. 11:45 a.m.
22. 2,546
23. 656
24. 2,277
25. 4,453
26. 55 pounds
27. 1,456 bagels
28. 36 years
29. $\$ 676$
30. $\$ 440$

New Skills Practice

1. 2,481
2. 242
3. 388
4. 783
5. 4,503
6. 8,649
7. 873
8. 6,373
9. 407
10. 711
11. 1,411
12. 6,830

## Lesson 6 Test

1. 486
2. 369
3. 586
4. 7,378
5. 3,840
6. 1,758
7. 2,779
8. 225
9. 679
10. 6,738
11. 8,437
12. 1,089
13. 64 years old
1,089
14. $\$ 475$
15. 1,400,000
16. 108 sofas
17. 1,000 years
18. $\$ 3,240$
19. 283 pies
20. $\$ 777$

## Lesson 7

## Skills Check

1. 2,784
2. 5,017
3. 8,386
4. 8,889
5. 7,985
6. 439
7. 463
8. 5,041
9. 70 years
10. $\$ 262$
11. $\$ 59.86$
12. $\$ 3.94$
13. $\$ 1,602.01$
14. $11 \$$
15. $\$ 32.00$
16. $63 \nmid$ or $\$ .63$
17. $\$ 15.96$

## Lesson 16 Test

1. $376 \frac{14}{15}$
2. 88,464
3. 97
4. 47,966
5. $\$ 38.17$
6. $192 \frac{17}{20}$
7. $\$ 459.81$
8. $103 \frac{3}{7}$
9. 9,562
10. $\$ 854$
11. 2019
12. 1,156
13. 53,000 fans
14. 1,089
15. 360 cans
16. $\$ 21.25$

## Lesson 17

## Skills Check

1. 859,896
2. 312
3. 584
4. $\$ 3.85$
5. 3,815
6. $\$ 42.38$
7. $368 \frac{6}{7}$
8. 12 teams
9. 115 seats

## New Skills Practice

1. $\frac{3}{4}$
2. $\frac{2}{3}$
3. $\frac{2}{9}$
4. $\frac{3}{8}$
5. $\frac{5}{8}$
6. $\frac{5}{6}$
7. $\frac{1}{11}$
8. $\frac{5}{7}$
9. $\frac{7}{10}$
10. $\frac{7}{9}$
11. $\frac{2}{12}$
12. $\frac{3}{6}$

13. $9 \frac{3}{4}$
14. $13 \frac{2}{3}$
15. $3 \frac{4}{6}$

## Lesson 17 Test

1. 209,391
2. $\frac{8}{12}$
3. $104 \frac{20}{25}$
4. $\$ 15.84$
5. $\frac{3}{16}$
6. $91 \frac{3}{8}$
7. $\frac{2}{9}$
8. $\$ 2.67$
9. $\$ 600$
10. $\$ 193$
11. $\$ 26.15$
12. $\$ 36.89$

## Lesson 18

## Lesson 18 Test

1. $121 \frac{23}{25}$
2. 17
3. $\$ .47$
4. 400 yards
5. $2,369,312$
6. $16 \frac{28}{30}$
7. $\$ 1.03$
8. 5 pieces
9. $21 \frac{17}{18}$
10. $14 \frac{51}{60}$
11. $\$ 552.68$
12. $\$ 97.85$
13. 19,342
14. $\$ 14.75$
15. $\$ 29.00$
16. 



## Lesson 22

## Skills Check

1. $24 \frac{1}{2}$
2. $1,233,711$
3. 2,797
4. 1,003
5. 305
6. 168,000
7. 35
8. 29
9. 15
10. $3 \frac{1}{3}$
11. $2 \frac{1}{4}$ pies
12. $2 \frac{1}{8}$

## New Skills Practice

1. $15,840 \mathrm{ft}$.
2. 60 in .
3. 3 yds .
4. $1 \frac{1}{2} \mathrm{ft}$.
5. 30 ft .
6. $8,800 \mathrm{yds}$.
7. 120 miles
8. 4 hours
9. 2,800 miles
10. $2 \frac{2}{3}$ hours
11. 2,280 miles

## Lesson 22 Test

1. 245,168
2. $2,764 \frac{2}{3}$
3. $17 \frac{2}{3}$
4. $35 \frac{1}{4}$
5. $4 \frac{1}{2}$
6. $40 \frac{1}{3}$
7. $3,013,790$
8. $21 \frac{1}{2}$
9. $14 \frac{2}{5}$
10. 213,816
11. $235 \frac{1}{4}$
12. $5 \frac{3}{4}$
13. $7 \frac{1}{3}$
14. $8 \frac{4}{7}$
15. 43
16. $18 \frac{1}{2}$ gallons
17. 30 months

## Lesson 23

## Lesson 23 Test

1. a. $\frac{4}{6}$
b. $\frac{6}{9}$
C. $\frac{8}{12}$
2. 128 ozs .
3. All of it
4. $11 \frac{1}{4}$
5. $\frac{6}{12}$
6. $\frac{3}{4} \mathrm{lb}$.
7. $21 \frac{1}{3}$
8. $26 \frac{1}{4}$
9. $\frac{8}{16}$
10. $7 \frac{2}{3}$
11. $37 \frac{1}{4}$
12. $9 \frac{1}{7}$
13. $\frac{3}{5}$
14. $21 \frac{3}{4}$
15. 13
16. 3 hours
17. $\frac{4}{5}$
18. 128 ozs.
19. $13 \frac{1}{2}$
20. $\$ 23,400$
21. 300 cards
22. $\$ 51.86$
23. 6 pints
24. $18 \frac{1}{2}$
25. 9:00
26. 96 oz .
27. 12 ft .
28. $\$ 72$
29. $\frac{5}{8} \mathrm{pie}$
30. $2 \frac{2}{3}$ cups

## Extra Practice Worksheets

## Lesson 1

## Adding Whole Numbers Using Carrying

1. 99
2. 485
3. 288
4. 646
5. 952
6. 114
7. 1,712
8. 101
9. 319
10. 618
11. 945
12. 1,625
13. 822
14. 71
15. 1,028
16. 796

## Word Problems Using Addition

1. 23 players
2. 45 CDs
3. 459 miles
4. 24 rows
5. 38 days
6. $\$ 323$
7. 5 children
8. 3 hours
9. 37 pages
10. 80 minutes
11. 10 cats
12. 43 pieces
13. 60 subscriptions
14. 275 cars
15. 71 CDs

## More Adding Whole Numbers Using Carrying

1. 27
2. 82
3. 104
4. 14
5. 340
6. 78
7. 10
8. 14
9. 52
10. 786
11. 470
12. 10
13. 1
14. 11
15. 24
16. 636

## Adding Columns of Whole Numbers

1. 202
2. 2,203
3. 2,133
4. 2,112
5. 1,322
6. 444
7. 2,146
8. 757
9. 832
10. 1,498
11. 345
12. 968

## Lesson 2

## Adding Larger Whole Numbers

1. 3,089
2. 2,878
3. 4,899
4. 3,996
5. 3,102
6. 7,499
7. 8,719
8. 329
9. 4,750
10. 3,916
11. 12,381
12. 17,232

## Word Problems with Adding Large Numbers

1. 55,392 shoes
2. 2,212 points
3. Yes
4. 24,333 passengers
5. 4,215 miles

## Place Value

1. 6,000
2. 900
3. 7
4. 5,000,000,000
5. 50
6. 200,000
7. 30,000
8. 4

## Translating Between Numbers and Words

1. Six hundred forty-five
2. Six hundred five thousand, two hundred
3. Twenty-three thousand, four hundred one
4. 310,191
5. 2,917
6. One million, four hundred four thousand, three hundred twelve
7. $400,329,601$
8. $5,200,600,300$

## Rounding

1. 74,000
2. 99,000
3. 70,000
4. 630,000
5. 300,000
6. 300,000
7. $24,000,000$
8. $76,000,000$
