1-1

Homework

Name _____ Date _____

Write the number of tens and the number of ones in each number.

1. 56

_____ tens

_____ ones

2. 708

_____ tens

_____ ones

3. 6,170

_____ tens

_____ ones

Write the number of thousands and the number of hundreds in each number.

4. 4,982

_____ thousands

_____ hundreds

5. 316

_____ thousands

_____ hundreds

6. 2,057

_____ thousands

_____ hundreds

Make a place-value drawing for each number, using ones, quick tens, hundred boxes, and thousand bars.

7. 36

8. 510

9. 403

10. 1,072

1-2

Homework

Name _____ Date _____

Read and write each number in standard form.

1. 90 + 2 _____

2. 600 + 80 + 9 _____

3. 2,000 + 800 + 50 + 7 _____

4. 3,000 + 80 + 5 _____

Read and write each number in expanded form.

5. 48 _____

6. 954 _____

7. 6,321 _____

8. 4,306 _____

9. 1,563 _____

10. 2,840 _____

Read and write each number in word form.

11. 300 + 20 + 5 _____

12. 5,000 + 700 + 40 + 8 _____

13. 9,000 + 400 + 6 _____

Read and write each number in standard form.

14. seventy-six _____

15. three hundred one _____

16. four thousand, two hundred sixteen _____

17. five thousand, one hundred forty-two _____

Write the value of the underlined digit.

18. 2<u>8</u>7 _____

19. <u>8</u>,792 _____

20. 7,<u>8</u>12 _____

1-3

Name _____ Date _____

Homework

Round each number to the nearest ten.

1. 46 _____ 2. 381 _____ 3. 4,175 _____ 4. 5,024 _____

Round each number to the nearest hundred.

5. 789 _____ 6. 971 _____ 7. 2,759 _____ 8. 3,148 _____

Round each number to the nearest thousand.

9. 6,578 _____ 10. 4,489 _____ 11. 8,099 _____ 12. 2,761 _____

Compare using >, <, or =.

13. 4,538 ◯ 4,835 14. 3,554 ◯ 3,449 15. 1,289 ◯ 1,298

16. 7,235 ◯ 6,987 17. 4,004 ◯ 4,034 18. 5,609 ◯ 5,059

Solve.

19. When you round a number, which digit in the number helps you decide to round up or round down? Explain your answer.

_____

_____

_____

_____

_____

20. When you round a number, what should you do with the digits to the right of the place to which you are rounding?

_____

_____

_____

1-4 Name _____ Date _____

Homework

Read and write each number in expanded form.

1. 39,012 _____
2. 640,739 _____
3. 102,453 _____
4. 460,053 _____

Read and write each number in word form.

5. 1,000,000

_____

6. 730,812

_____

7. 45,039

_____

8. 600,439

_____

Read and write each number in expanded form.

9. nine hundred twenty-three thousand, nine hundred twenty-three

_____

10. one hundred forty thousand, one hundred four

_____

11. seventy-six thousand, five

_____

12. fifty-nine thousand, two hundred sixty-one

_____

13. seven hundred thousand, four hundred thirty

_____

14. thirty-one thousand, two hundred seventy-nine

_____

1-5

Homework

Name _____ Date _____

Compare using >, <, or =.

1. 57,068 ◯ 57,860
2. 24,516 ◯ 24,165
3. 154,424 ◯ 145,424
4. 836,245 ◯ 683,642
5. 89,175 ◯ 89,175
6. 100,000 ◯ 1,000,000

Round to the nearest ten thousand.

7. 11,295 _____
8. 82,964 _____
9. 97,079 _____

Round to the nearest hundred thousand.

10. 153,394 _____
11. 410,188 _____
12. 960,013 _____
13. 837,682 _____

Solve.

14. What would 672,831 be rounded to the nearest:

    a. ten? _____

    b. hundred? _____

    c. thousand? _____

    d. ten thousand? _____

    e. hundred thousand? _____

15. Compare the number 547,237 rounded to the nearest hundred thousand and 547,237 rounded to the nearest ten thousand. Which is the greater number? Write a comparison statement and explain your answer.

_____

_____

_____

_____

1-6

Name _____ Date _____

Homework

Use the information in the table to answer the questions.

Driving Distances (in miles) between Various Cities in the United States

	New York, NY	Chicago, IL	Los Angeles, CA
Atlanta, GA	886	717	2,366
Dallas, TX	1,576	937	1,450
Nashville, TN	914	578	2,028
Omaha, NE	1,257	483	1,561
Seattle, WA	2,912	2,108	1,141
Wichita, KS	1,419	740	1,393

1. If you drive from New York to Dallas and then from Dallas to Chicago, how many miles would you drive?

_____

2. Which two cities are farther apart in driving distance: Seattle and Los Angeles or Wichita and New York? Use place value words to explain your answer.

_____

_____

Use any method to add. On another sheet of paper, make a drawing for exercise 5 to show your new groups.

3. 1,389 + 5,876

4. 3,195 + 2,674

5. 1,165 + 7,341

6. 2,653 + 4,908

7. 3,692 + 7,543

8. 8,598 + 5,562

9. 4,295 + 8,416

10. 6,096 + 9,432

1-7 Homework

Name _____ Date _____

Copy each exercise, lining up the places correctly. Then add.

1. 51,472 + 7,078

2. 94,280 + 56,173

3. 1,824 + 36,739

4. 372,608 + 51,625

5. 314,759 + 509,028

6. 614,702 + 339,808

7. 493,169 + 270,541

8. 168,739 + 94,035

The table shows the surface area of each of the Great Lakes.

Use the data in the table to help answer the following questions.

Lake	Surface Area (square miles)
Erie	9,906
Huron	22,973
Michigan	22,278
Ontario	7,340
Superior	31,700

9. Which is greater, the surface area of Lake Superior, or the sum of the surface areas of Lake Michigan and Lake Erie?

Show your work.

_____

10. Which two lakes have a combined surface area of 30,313 square miles?

_____

1-8 Name _____ Date _____

Homework

Write a number sentence that shows an estimate of each answer. Then write the exact answer.

1. 69 + 25 _____

2. 259 + 43 _____

3. 2,009 + 995 _____

4. 5 + 3 + 7 + 4

5. 38 + 54 + 52

6. 28 + 44 + 32 + 46

7. 243 + 625 + 387

8. 154 + 131 + 204 + 179

Solve. *Show your work.*

9. Paul's stamp collection includes 192 domestic and 811 foreign stamps.

   About how many domestic and foreign stamps does Paul have altogether?

   _____

   Exactly how many domestic and foreign stamps does Paul have altogether?

   _____

10. Plane A travels 102,495 miles. Plane B travels 91,378 miles. How many miles in all do the two planes travel?

    _____

    Explain how you can use estimation to check that your answer is reasonable.

    _____

    _____

    _____

1-9

Homework

Name _____ Date _____

Subtract. Show your new groups.

1. 7,000 − 3,264	**2.** 9,632 − 3,785	**3.** 8,054 − 1,867
4. 4,000 − 2,945	**5.** 8,531 − 7,624	**6.** 8,006 − 4,692
7. 9,040 − 5,712	**8.** 6,000 − 5,036	**9.** 7,180 − 4,385
10. 6,478 − 3,579	**11.** 9,490 − 5,512	**12.** 5,000 − 3,609

Solve. *Show your work.*

13. A cross-country automobile rally is 1,025 kilometers long. At a stopping place, the leader had traveled 867 kilometers. How far away was the finish line?

_____

14. A census counted 5,407 people in Marina's home town. If 3,589 are males, how many are females?

_____

15. A construction company is building a stone wall. The finished wall will contain 5,000 stones. So far, 1,487 stones have been placed. How many stones have not been placed?

_____

1-10 Homework

Name _____ Date _____

Subtract. Then use addition to check the subtraction. Show your work.

1. 1,400 − 238 = _____

Check: _____

2. 1,900 − 1,238 = _____

Check: _____

3. 4,620 − 1,710 = _____

Check: _____

4. 5,243 − 2,454 = _____

Check: _____

5. 3,142 − 1,261 = _____

Check: _____

6. 2,375 − 896 = _____

Check: _____

Solve.

Show your work.

7. A school library has 1,058 books in its collection. The town library has 4,520 books in its collection. How many books are there altogether?

_____

8. A town official knows how many books the town library has and how many books both libraries have altogether. She wants to know how many books the school library has. How can she use subtraction to find the answer?

_____

1-11 Homework

Name _____ Date _____

Subtract.

1. 71,824 − 36,739	2. 960,739 − 894,045	3. 665,717 − 82,824	4. 372,608 − 57,425
5. 597,603 − 404,980	6. 614,702 − 539,508	7. 724,359 − 99,068	8. 394,280 − 56,473

In an experiment, a scientist counted how many bacteria grew in several labeled dishes. The table shows how many bacteria were in each dish.

Dish	Number of Bacteria
A	682,169
B	694,154
C	57,026
D	150,895
E	207,121

Solve. Estimate to check. *Show your work.*

9. What was the difference between the greatest number of bacteria and the least number of bacteria?

_____

10. How many more bacteria were in dish A than in dish D?

_____

11. How many fewer bacteria were in dish E than in the combined dish C and dish D?

_____

1-12

Homework

Name _____ Date _____

Solve each problem. *Show your work.*

1. Mr. Chase is ordering 249 pencils, 600 sheets of paper, and 190 erasers. How many more sheets of paper than pencils and erasers altogether is Mr. Chase ordering?

_____

2. There were 623 people at the concert on Friday. On Saturday, 287 more people attended the concert than attended on Friday. How many people in all attended the concert on Friday and Saturday?

_____

Add or subtract.

3. 695 + 487	**4.** 8,452 − 5,938	**5.** 5,895 + 9,727
6. 49,527 − 26,088	**7.** 86,959 − 38,486	**8.** 39,458 + 98,712
9. 286,329 + 394,065	**10.** 708,623 − 421,882	**11.** 952,774 − 613,386

1-13

Homework

Name _____ Date _____

Add or subtract.

1. 12,673 − 9,717 = _____ 2. 8,406 + 45,286 = _____ 3. 2,601 − 1,437 = _____

Answer each question about the information in the table.

Area of the Countries of Central America

Country	Area (square miles)
Belize	8,867
Costa Rica	19,730
El Salvador	8,124
Guatemala	42,042
Honduras	43,278
Nicaragua	49,998
Panama	30,193

4. What is the total area of Guatemala and Honduras? *Show your work.*

_____

5. Which two countries have the least area? What is the sum of their areas?

_____

6. Which is greater: the area of Nicaragua or the total area of Costa Rica and Panama?

_____

7. How much greater is the area of Honduras than the area of Guatemala?

_____

1-14

Homework

Name _____ Date _____

Companies often use bar graphs to present information to the media or stockholders. Data may show how attendance or profits vary at different times of the year, or compare the successes of different divisions or quarters of the year.

1. Research attendance numbers for your favorite amusement park, sporting team, or movie during five different periods of time. Complete the table with your information.

2. Use the grid below to graph the data in your table.