

**Homework**

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

# Remembering

Multiply or divide.

1.  $8 \times 3 =$  \_\_\_\_\_

2.  $40 \div 4 =$  \_\_\_\_\_

3.  $27 \div 9 =$  \_\_\_\_\_

4.  $7 \times 6 =$  \_\_\_\_\_

5.  $2 \times 8 =$  \_\_\_\_\_

6.  $6 \times 5 =$  \_\_\_\_\_

Use the diagram to complete Exercises 7–10.



Write two related multiplication problems for the diagram.

7. \_\_\_\_\_

8. \_\_\_\_\_

Write two related division problems for the diagram.

9. \_\_\_\_\_

10. \_\_\_\_\_

**11. Stretch Your Thinking** Marcus says this place value drawing represents the number 4,083. Owen says it represents 483. Which student is correct? Explain the error.




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**Homework**

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. 287 \_\_\_\_\_

19. 8,792 \_\_\_\_\_

20. 7,812 \_\_\_\_\_

# Remembering

Multiply or divide.

1.  $6 \times 4 =$  \_\_\_\_\_

2.  $56 \div 8 =$  \_\_\_\_\_

3.  $45 \div 9 =$  \_\_\_\_\_

4.  $6 \times 6 =$  \_\_\_\_\_

5.  $3 \times 7 =$  \_\_\_\_\_

6.  $48 \div 6 =$  \_\_\_\_\_

7. Grace read six books over the summer. Her sister read three times that number. How many books did Grace's sister read over the summer?

\_\_\_\_\_

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

8. 5,812

9. 7,026

\_\_\_\_\_ thousands

\_\_\_\_\_ thousands

\_\_\_\_\_ hundreds

\_\_\_\_\_ hundreds

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

10. 603

11. 3,187

12. **Stretch Your Thinking** Mr. Thomas writes 4,964 on the board. Amy says the value of the underlined digit is 9. Chris said the value is 900. Which student is correct? Explain.

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\_\_\_\_\_

**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.

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

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**Remembering**

Find the unknown number.

1.  $4 \times 8 = \underline{\hspace{2cm}}$

2.  $42 \div 7 = \underline{\hspace{2cm}}$

3.  $63 \div \underline{\hspace{2cm}} = 9$

4.  $\underline{\hspace{2cm}} \times 5 = 40$

5.  $9 \times \underline{\hspace{2cm}} = 81$

6.  $\underline{\hspace{2cm}} \div 6 = 10$

7.  $21 \div 7 = \underline{\hspace{2cm}}$

8.  $10 \times \underline{\hspace{2cm}} = 100$

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

9. 607

         tens

         ones

10. 9,324

         tens

         ones

Read and write each number in standard form.

11.  $40 + 3 \underline{\hspace{2cm}}$

12.  $500 + 70 + 9 \underline{\hspace{2cm}}$

13.  $1,000 + 200 + 50 + 8 \underline{\hspace{2cm}}$

14.  $8,000 + 70 + 7 \underline{\hspace{2cm}}$

15. **Stretch Your Thinking** Sara is thinking of a number.

When she rounds her number to the nearest hundred, she gets 700. What is the greatest number Sara can be thinking of? Explain.

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**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

\_\_\_\_\_

## Remembering

Use the numbers 7, 9, and 63 to complete the related equations.

1.  $7 \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

2.  $9 \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

3.  $\underline{\hspace{2cm}} \div \underline{\hspace{2cm}} = 7$

4.  $\underline{\hspace{2cm}} \div \underline{\hspace{2cm}} = 9$

Solve.

5. Aileen made 36 mini muffins for the school bake sale. Each bag holds four mini muffins. How many bags of mini muffins will she have for the bake sale?
- \_\_\_\_\_

Read and write each number in expanded form.

6. 86 \_\_\_\_\_

7. 421 \_\_\_\_\_

8. 7,915 \_\_\_\_\_

9. 3,402 \_\_\_\_\_

Write the value of the underlined digit.

10. 489 \_\_\_\_\_

11. 7,493 \_\_\_\_\_

12. 1,506 \_\_\_\_\_

Round each number to the nearest ten.

13. 47 \_\_\_\_\_

14. 6,022 \_\_\_\_\_

Round each number to the nearest hundred.

15. 672 \_\_\_\_\_

16. 3,940 \_\_\_\_\_

17. **Stretch Your Thinking** How many zeros are in the standard form of six hundred thousand, twenty? Explain.
- \_\_\_\_\_
- \_\_\_\_\_



**Homework**

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.

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## Remembering

Find the unknown value in the number sentence.

1.  $8 \times k = 16$

$k = \underline{\hspace{2cm}}$

2.  $n \times 9 = 90$

$n = \underline{\hspace{2cm}}$

3.  $35 \div t = 5$

$t = \underline{\hspace{2cm}}$

4.  $p \div 6 = 9$

$p = \underline{\hspace{2cm}}$

Solve.

5. In an arcade game, Nick can earn up to 10 tickets, depending on which slot his coin goes through. If he plays the game six times, what is the greatest number of tickets Nick could earn?

\_\_\_\_\_

Round each number to the nearest thousand.

6. 2,950 \_\_\_\_\_

7. 4,307 \_\_\_\_\_

Read and write each number in word form.

8. 16,977 \_\_\_\_\_

9. 403,056 \_\_\_\_\_

10. **Stretch Your Thinking** Leon says that he can compare numbers in the same way that he alphabetizes words. For example, since the first two letters of *cat* and *cane* are the same, he goes to the next letter to compare. Since *n* comes before *t* in the alphabet, the word *cane* comes first in a dictionary. To compare 64,198 with 641,532, he knows that the first three digits 641 are the same. Then he compares the next digit in each number. Since 9 is greater than 5, the number 64,198 must be greater. Is Leon's way of thinking correct? Explain.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**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

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

$$\begin{array}{r} 3. \quad 1,389 \\ + 5,876 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 3,195 \\ + 2,674 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 1,165 \\ + 7,341 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 2,653 \\ + 4,908 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 3,692 \\ + 7,543 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 8,598 \\ + 5,562 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 4,295 \\ + 8,416 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 6,096 \\ + 9,432 \\ \hline \end{array}$$

# Remembering

Multiply or divide.

1.  $81 \div 9 = \underline{\hspace{2cm}}$

2.  $7 \times 4 = \underline{\hspace{2cm}}$

3.  $9 \times 3 = \underline{\hspace{2cm}}$

4.  $24 \div 4 = \underline{\hspace{2cm}}$

5. 
$$\begin{array}{r} 7 \\ \times 8 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 5 \\ \times 7 \\ \hline \end{array}$$

7.  $10 \overline{)80}$

8.  $7 \overline{)42}$

Read and write each number in expanded form.

9. eighty-six thousand, nine hundred twenty-one

\_\_\_\_\_

10. nine hundred twenty thousand, four hundred thirteen

\_\_\_\_\_

Compare using  $>$ ,  $<$ , or  $=$ .

11.  $36,290 \bigcirc 36,290$

12.  $438,000 \bigcirc 43,800$

13.  $298,150 \bigcirc 298,105$

14.  $999,999 \bigcirc 1,000,000$

15. **Stretch Your Thinking** Find the unknown digits in the following addition problem.

$$\begin{array}{r} 3, \square 6 \square \\ + 4, 9 \square 2 \\ \hline \square, 5 3 6 \end{array}$$

# Homework

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?

\_\_\_\_\_

## Remembering

Multiply or divide.

1.  $30 \div 5 =$  \_\_\_\_\_

2.  $8 \times 7 =$  \_\_\_\_\_

3.  $4 \times 6 =$  \_\_\_\_\_

4.  $70 \div 7 =$  \_\_\_\_\_

5.  $3 \times 9 =$  \_\_\_\_\_

6.  $36 \div 6 =$  \_\_\_\_\_

Compare using  $>$ ,  $<$ , or  $=$ .

7.  $6,299 \bigcirc 62,990$

8.  $389,151 \bigcirc 394,027$

9.  $134,657 \bigcirc 134,257$

10.  $93,862 \bigcirc 93,862$

Use any method to add.

11. 
$$\begin{array}{r} 1,362 \\ + 6,509 \\ \hline \end{array}$$

12. 
$$\begin{array}{r} 3,893 \\ + 5,245 \\ \hline \end{array}$$

13. 
$$\begin{array}{r} 6,399 \\ + 7,438 \\ \hline \end{array}$$

14. **Stretch Your Thinking** Peter adds  $245,936 + 51,097$  as follows. Explain his error. What is the correct sum?

$$\begin{array}{r} \phantom{0}^1 \phantom{0}^1 \\ 245,936 \\ + 51,097 \\ \hline 756,906 \end{array}$$

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**Homework**

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

1.  $69 + 25$  \_\_\_\_\_

2.  $259 + 43$  \_\_\_\_\_

3.  $2,009 + 995$  \_\_\_\_\_

$$\begin{array}{r} 4. \quad 5 \\ \quad 3 \\ \quad 7 \\ \hline + 4 \end{array}$$

$$\begin{array}{r} 5. \quad 38 \\ \quad 54 \\ \hline + 52 \end{array}$$

$$\begin{array}{r} 6. \quad 28 \\ \quad 44 \\ \quad 32 \\ \hline + 46 \end{array}$$

$$\begin{array}{r} 7. \quad 243 \\ \quad 625 \\ \hline + 387 \end{array}$$

$$\begin{array}{r} 8. \quad 154 \\ \quad 131 \\ \quad 204 \\ \hline + 179 \end{array}$$

**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.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## Remembering

What is 362,584 rounded to the nearest:

1. hundred? \_\_\_\_\_

2. thousand? \_\_\_\_\_

3. ten thousand? \_\_\_\_\_

4. hundred thousand? \_\_\_\_\_

Use any method to add.

$$\begin{array}{r} 5. \quad 2,938 \\ + 4,271 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 8,305 \\ + 1,467 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 8,074 \\ + 3,552 \\ \hline \end{array}$$

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

8.  $45,296 + 38,302$

9.  $293,017 + 58,226$

10. **Stretch Your Thinking** Luanne estimates the sum of  $39 + 15$  is about  $40 + 15$ , or 55. Jacob estimates the sum of  $39 + 15$  is about  $40 + 20$ , or 60. Which estimate is closer to the exact sum? Explain.

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**Homework****Subtract. Show your new groups.**

$$\begin{array}{r} 1. \quad 7,000 \\ - 3,264 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 9,632 \\ - 3,785 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 8,054 \\ - 1,867 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 4,000 \\ - 2,945 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 8,531 \\ - 7,624 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 8,006 \\ - 4,692 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 9,040 \\ - 5,712 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 6,000 \\ - 5,036 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 7,180 \\ - 4,385 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 6,478 \\ - 3,579 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 9,490 \\ - 5,512 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 5,000 \\ - 3,609 \\ \hline \end{array}$$

**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?

\_\_\_\_\_

# Remembering

Use any method to add.

$$\begin{array}{r} 1. \quad 6,022 \\ + 1,988 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 4,586 \\ + 1,693 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 8,374 \\ + 3,707 \\ \hline \end{array}$$

The table shows the amount of litter collected from parks across a city on Earth Day each year. Use the data in the table to help answer the following questions.

4. How much litter was collected altogether in 2007 and 2008?

\_\_\_\_\_

5. Which two years had a combined litter collection of 23,456 pounds?

\_\_\_\_\_

Litter Collected on Earth Day

Year	Pounds of Litter
2007	8,293
2008	12,104
2009	15,877
2010	11,352

Write an equation that shows an estimate of each answer. Then write the exact answer.

6.  $495 + 812$  \_\_\_\_\_

7.  $7,203 + 299$  \_\_\_\_\_

8.  $2,859 + 6,017$  \_\_\_\_\_

9. **Stretch Your Thinking** Bridget ungrouped 5,000 as shown. Use your understanding of place value to explain how the ungrouped number is equal to 5,000.

$$\begin{array}{r} 4 \ 9 \ 9 \ 10 \\ \cancel{5,000} \\ - 2,896 \\ \hline \end{array}$$

**Homework**

**Subtract. Then use addition to check the subtraction.**

**Show your work.**

1.  $1,400 - 238 = \underline{\hspace{2cm}}$

2.  $1,900 - 1,238 = \underline{\hspace{2cm}}$

Check: \_\_\_\_\_

Check: \_\_\_\_\_

3.  $4,620 - 1,710 = \underline{\hspace{2cm}}$

4.  $5,243 - 2,454 = \underline{\hspace{2cm}}$

Check: \_\_\_\_\_

Check: \_\_\_\_\_

5.  $3,142 - 1,261 = \underline{\hspace{2cm}}$

6.  $2,375 - 896 = \underline{\hspace{2cm}}$

Check: \_\_\_\_\_

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?

\_\_\_\_\_

# Remembering

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

1.  $32,418 + 508,182$

2.  $734,150 + 60,382$

Solve.

Show your work.

3. The entire fourth grade is made up of 102 boys and 86 girls. *About* how many students are in the fourth grade altogether?

\_\_\_\_\_

*Exactly* how many students are in the fourth grade altogether?

\_\_\_\_\_

Subtract. Show your new groups.

4. 
$$\begin{array}{r} 5,000 \\ - 2,583 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 8,259 \\ - 3,716 \\ \hline \end{array}$$

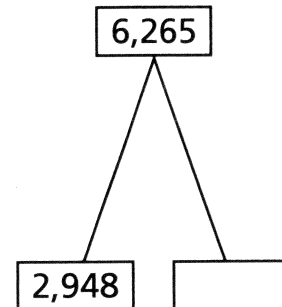
6. 
$$\begin{array}{r} 2,081 \\ - 1,733 \\ \hline \end{array}$$

7. **Stretch Your Thinking** What is the unknown number in this break-apart drawing? List all the addition and subtraction problems for the drawing.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



**Homework****Subtract.**

$$\begin{array}{r} 1. \quad 71,824 \\ - 36,739 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 960,739 \\ - 894,045 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 665,717 \\ - 82,824 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 372,608 \\ - 57,425 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 597,603 \\ - 404,980 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 614,702 \\ - 539,508 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 724,359 \\ - 99,068 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 394,280 \\ - 56,473 \\ \hline \end{array}$$

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?

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

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

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## Remembering

Write an equation that shows an estimate of each answer. Then write the exact answer.

1.  $503 + 69$  \_\_\_\_\_

2.  $2,825 + 212$  \_\_\_\_\_

3.  $6,190 + 3,858$  \_\_\_\_\_

Subtract. Show your new groups.

$$\begin{array}{r} 4. \quad 8,760 \\ - 1,353 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 6,000 \\ - 5,258 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 5,060 \\ - 2,175 \\ \hline \end{array}$$

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

7.  $6,355 - 891 =$  \_\_\_\_\_

8.  $8,326 - 1,425 =$  \_\_\_\_\_

Check: \_\_\_\_\_

Check: \_\_\_\_\_

9. **Stretch Your Thinking** Write an addition word problem in which the estimated sum is 14,000.

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**Homework****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.**

$$\begin{array}{r} 3. \quad 695 \\ + 487 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 8,452 \\ - 5,938 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 5,895 \\ + 9,727 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 49,527 \\ - 26,088 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 86,959 \\ - 38,486 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 39,458 \\ + 98,712 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 286,329 \\ + 394,065 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 708,623 \\ - 421,882 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 952,774 \\ - 613,386 \\ \hline \end{array}$$

# Remembering

Add or subtract.

$$\begin{array}{r} 1. \quad 7,982 \\ - 3,517 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 600,000 \\ - 399,410 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 138,925 \\ + 47,316 \\ \hline \end{array}$$

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

$$4. \quad 4,652 - 1,593 =$$

\_\_\_\_\_

$$5. \quad 30,000 - 26,931 =$$

\_\_\_\_\_

$$6. \quad 896,581 - 355,274 =$$

\_\_\_\_\_

Check:

\_\_\_\_\_

Check:

\_\_\_\_\_

Check:

\_\_\_\_\_

Subtract.

$$7. \quad 731,285 - 369,114 = \underline{\hspace{2cm}} \qquad 8. \quad 645,803 - 52,196 = \underline{\hspace{2cm}}$$

9. **Stretch Your Thinking** Write a two-step problem in which the answer is 130.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



**Homework**

Add or subtract.

1.  $12,673 - 9,717 = \underline{\hspace{2cm}}$     2.  $8,406 + 45,286 = \underline{\hspace{2cm}}$     3.  $2,601 - 1,437 = \underline{\hspace{2cm}}$

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?

\_\_\_\_\_

# Remembering

Subtract. Then use addition to check the subtraction.

1.  $1,500 - 705 = \underline{\hspace{2cm}}$

2.  $9,523 - 8,756 = \underline{\hspace{2cm}}$

Check: \_\_\_\_\_

Check: \_\_\_\_\_

The table shows how many fans attended a team's baseball games at the start of the season. Solve.

Estimate to check.

3. How many fewer people attended Game 4 than Game 5?

\_\_\_\_\_

\_\_\_\_\_

Game	Fans
1	68,391
2	42,908
3	9,926
4	35,317
5	46,198

4. What was the difference between the greatest number of fans and the least number at a game?

\_\_\_\_\_

\_\_\_\_\_

Add or subtract.

5. 
$$\begin{array}{r} 7,452 \\ + 3,801 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 2,155 \\ + 5,890 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 293,635 \\ - 178,098 \\ \hline \end{array}$$

8. **Stretch Your Thinking** The equation  $32,904 + m = 61,381$  shows that the number of females plus the number of males,  $m$ , living in a certain city equals the total population. Write a subtraction equation that represents the same situation. How many males live in this city?

\_\_\_\_\_

\_\_\_\_\_

# Homework

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.


# Remembering

**Subtract.**

1.  $958,299 - 63,419 =$  \_\_\_\_\_

2.  $9,523 - 8,756 =$  \_\_\_\_\_

**Add or subtract.**

3. 
$$\begin{array}{r} 5,191 \\ + 273 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 13,687 \\ + 25,137 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 758,194 \\ - 6,029 \\ \hline \end{array}$$

**Answer each question about the information in the table.**

6. What is the total number of miles the trucker drove in the last 2 years?

\_\_\_\_\_

7. Which is greater, the increase in miles driven between 1998 and 1999 or between 1999 and 2000? What is that increase?

\_\_\_\_\_

**Miles Driven by a Trucker**

Year	Miles
1998	75,288
1999	117,391
2000	126,304
2001	87,192
2002	94,386

8. **Stretch Your Thinking** Look at the trucking data in the table for Exercises 6 and 7. How would you round the data to make a bar graph? What scale would you use?

\_\_\_\_\_

\_\_\_\_\_