

MY Homework

Lesson 1

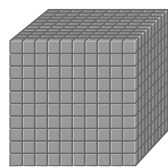
Place Value Through Thousands

Homework Helper

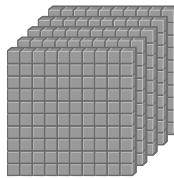


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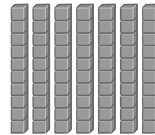
There are 1,576 steps to the top of the Empire State Building. Look at the model. Write the number in standard form, expanded form, and word form.



1 thousand



5 hundreds



7 tens



6 ones

Standard form: 1,576

Expanded form: $1,000 + 500 + 70 + 6$

Word form: *one thousand, five hundred seventy-six*

Write the place and the value of the highlighted digit in 1,576.

A place-value chart helps to identify the place and value of a digit.

thousands	hundreds	tens	ones
1	5	7	6

The circled digit, 5, is in the hundreds place. Its value is 500.

Practice

Write each number in expanded form and word form.

1. 2,368 $2,000 + \underline{300} + 60 + \underline{8}$

two thousand, three hundred sixty-eight

2. 6,204 $\underline{6,000} + \underline{200} + \underline{4}$

six thousand, two hundred four

Write the highlighted digit's place and value.

3. 56**7** ones
7

4. **6**,327 thousands
6,000

5. 9,**3**25 hundreds
300

6. 8,**2**81 tens
80

Write each number in standard form.

7. 5,000 + 500 + 3 5,503

8. 2,000 + 300 + 20 + 9 2,329

9. 4,000 + 600 + 8 4,608

10. 9,000 + 300 + 70 + 2 9,372



Problem Solving

- 11. PRACTICE**  **Use Number Sense** Kyle is in seat number 1,024.

Sierra's seat number has the same number of thousands and tens as Kyle's seat number, but 2 more hundreds and 3 fewer ones than Kyle's seat number. What is Sierra's seat number?

1,221

Vocabulary Check



Draw a line to connect each vocabulary word(s) to its definition.

- | | |
|-------------------|--|
| 12. word form | • the value given to a digit by its place in a number |
| 13. digit | • the form of a number that uses written words |
| 14. expanded form | • the form of a number that shows the sum of the value of each digit |
| 15. standard form | • a symbol used to write a number |
| 16. place value | • the form of writing a number that shows only its digits |

Test Practice

17. Which represents the number *two thousand, eighty*?

- | | |
|-----------|-----------|
| (A) 280 | (C) 2,080 |
| (B) 2,008 | (D) 2,800 |

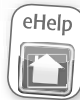
Name _____

MY Homework

Lesson 2

Compare Numbers

Homework Helper



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The John Hancock Center, in Chicago, is 1,127 feet in height. The Aon Center is 1,136 feet in height. Which building is taller?

A place-value chart can help to compare numbers.

So, 1,127 is less than 1,136.

$1,127 < 1,136$

The Aon Center is taller.

Use these symbols to compare.

$<$ means **is less than**

$>$ means **is greater than**

$=$ means **is equal to**

John Hancock Center

Aon Center

thousands	hundreds	tens	ones
1	1	2	7
1	1	3	6

same

different, 3 tens $>$ 2 tens

Practice

Which number is less? Complete the statement.

1.

hundreds	tens	ones
6	9	6
6	8	7

687 $<$ 696

2.

thousands	hundreds	tens	ones
2	1	8	3
3	1	5	4

2,183 $<$ 3,154

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

3. 751 $>$ 715

4. 435 $<$ 543

5. 808 $<$ 880

6. 3,332 $=$ 3,332

7. 6,673 $>$ 6,376

8. 9,918 $>$ 9,819

Circle the number that is greater. Then complete the statement.

9. 3,322 3,332

10. 1,877 1,788

11. 2,727 2,772

3,332 $>$ 3,322

1,877 $>$ 1,788

2,772 $>$ 2,727

Circle the number that is less. Then complete the statement.

12. 5,642 5,426

13. 4,017 4,071

14. 6,310 6,231

5,426 $<$ 5,642

4,017 $<$ 4,071

6,231 $<$ 6,310



Problem Solving

Mathematical



15. **PRACTICE** **Use Symbols** Last year there were 191 sunny days and 174 cloudy days. Were there more sunny or cloudy days last year? Compare using $<$, $>$, or $=$.

sunny; 191 $>$ 174

My Work!

Test Practice

16. Which number is greater than 3,491?

- (A) 3,419 (C) 3,491
(B) 3,490 (D) 3,499

MY Homework**Lesson 3****Order Numbers****Homework Helper**Need help? connectED.mcgraw-hill.com

The table shows the number of each type of car sold. Order the cars sold from *least* to *greatest*.

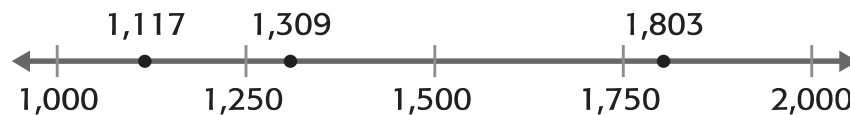
thousands	hundreds	tens	ones
1	1	1	7
1	3	0	9
1	8	0	3

Use a place-value chart.

Line up the numbers from the right.

Begin to compare from the left.

Number lines are another way to order numbers.



$$1,117 < 1,309 < 1,803$$

The order from *least* to *greatest* is compact, sports utility, and sedan.

Type of Car	Cars Sold
Sports Utility	1,309
Sedan	1,803
Compact	1,117

Practice

Order the numbers from *least* to *greatest*.

1. 210; 182; 153

153; 182; 210

2. 1,692; 1,687; 1,685

1,685; 1,687; 1,692

3. 9,544; 9,455; 9,564

9,455; 9,544; 9,564

4. 653; 535; 335

335; 535; 653

Order the numbers from *greatest to least*.

5. Electronics for Sale



\$1,269; \$895; \$489

6. Miles Traveled



3,764; 3,647; 2,473



Problem Solving

Mathematical

7. PRACTICE 1 Make Sense of Problems

The Jacksons, Chens, and Simms each went on vacation. The Jacksons drove 835 miles. The Simms drove 947 miles and the Chens drove 100 miles further than the Jacksons. Which family drove the furthest on vacation?

the Simms family

- 8.** The addresses on Plum Street are out of order. Place them in order from least to the greatest.

7867, 8112, 7831

7831, 7867, 8112

Test Practice

- 9.** Which set of numbers is correctly ordered from *least to greatest*?

- Ⓐ 7,659; 7,668; 8,985; 9,887
- Ⓑ 9,887; 8,985; 7,668; 7,659
- Ⓒ 8,985; 9,887; 7,668; 7,659
- Ⓓ 9,887; 8,985; 7,659; 7,668

My Work!

MY Homework

Lesson 4

Round to the Nearest Ten

Homework Helper



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Chase read an article about a football player who carried the ball for 437 yards. Round this number to the nearest ten.

Use a place-value chart.

1 Circle the digit to be rounded.

hundreds	tens	ones
4	3	7

2 Look at the digit to its right.

3 If the digit is 5 or greater, add 1 to the circled digit. If it is 4 or less, do not change it.

hundreds	tens	ones
4	4	0

4 Replace all the digits after the circled digit with zeros.

So, the football player carried the ball for about 440 yards.

Practice

Round to the nearest ten.

1. 392 390

2. 126 130

Use the number line to round to the nearest ten.



3. 753

4. 758

5. 756

750

760

760

Use the number line to round to the nearest ten.



6. 302 300

7. 304 300

8. 305 310

Round to the nearest ten.


9. 429 430

10. 191 190

11. 198 200



Problem Solving

- 12. PRACTICE**  **Use Number Sense** Garret's dog weighs 127 pounds. About how much does his dog weigh to the nearest ten pounds?

130 pounds

Vocabulary Check



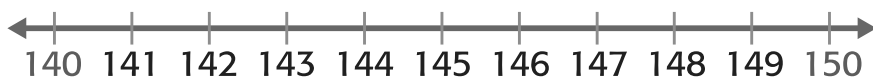
For each sentence, write one of the following on the line.

round nearest ten

13. To round a number, you change its value to a number that is easier to work with.
14. Rounded to the nearest ten, 167 becomes 170.

Test Practice

15. Faith has added 143 songs to her music library on her computer. About how many songs is that? Round to the nearest ten.



- (A) 130 songs (C) 145 songs
(B) 140 songs (D) 150 songs



Name _____

Number and Operations in Base Ten
3.NBT.1

CCSS

MY Homework

Lesson 5

Round to the Nearest Hundred

Homework Helper



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A roller coaster in Ohio travels a track 5,427 feet long. About how many feet is that? Round to the nearest hundred.

You can use a place-value chart.

1 Circle the digit to be rounded.

2 Look at the digit to its right.

thousands	hundreds	tens	ones
5	4	2	7

3 If the digit is 5 or greater, add 1 to the circled digit. If it is less than 5, do not change it.

thousands	hundreds	tens	ones
5	4	0	0

4 Replace all the digits after the circled digit with zeros.

So, the roller coaster track is about 5,400 feet long.

Practice

Round to the nearest hundred.

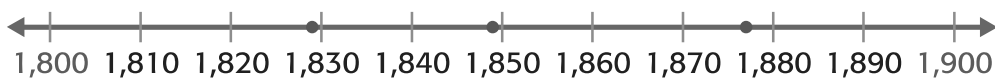
1. 688 700

2. 4,248 4,200

3. 316 300

4. 2,781 2,800

Use the number line to round to the nearest hundred.



5. 1,877 1,900 6. 1,849 1,800 7. 1,829 1,800

Round to the nearest ten and nearest hundred.

8.

hundreds	tens	ones
7	0	9

ten 710

hundred 700

9.

hundreds	tens	ones
1	8	5

ten 190

hundred 200



Problem Solving

10. **PRACTICE** **Reason** The table shows how many patients two doctors saw last year. To the nearest hundred, which doctor saw about 2,400 patients? Explain.

Doctor	Patients
Dr. Walters	2,493
Dr. Santos	3,205
Dr. Cooper	2,353

Dr. Cooper; Dr. Walters saw 2,500 and Dr. Santos saw

3,200 patients.

11. A group of hikers plan to climb Mt. Carmy. To the nearest hundred, about how many feet will they climb to the peak?

about 5,300 ft.



Test Practice

12. Mr. Miles bought a telescope that cost \$3,556. To the nearest hundred, how much did the telescope cost?

- (A) \$3,500 (C) \$3,600
(B) \$3,560 (D) \$4,000

MY Homework

Lesson 6

Problem Solving: Use the Four- Step Plan

Homework Helper



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There were 418 tickets sold for Conrad's piano recital. About how many tickets were sold? Round to the nearest hundred.

1

Understand What facts do you know?

There were 418 tickets sold.

What do you need to find?

the number of tickets sold to the nearest hundred.

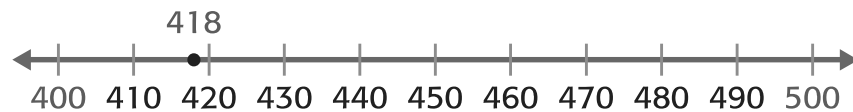
2

Plan

Use a number line.

3

Solve



418 is closer to 400 than to 500. About 400 tickets were sold.

4

Check

Check using a place-value chart.

The answer is correct.

hundreds	tens	ones
4	1	8
4	0	0



Problem Solving

- Victoria buys two pairs of sunglasses for \$8 each. About how much did she pay for both pairs of glasses? Round to the nearest ten. Solve the problem using the four-step plan.

\$20

Solve each problem using the four-step plan.

2. Ridgeway Elementary School collected *eight thousand, five hundred thirty-one* cans of food. Park Elementary School collected *eight thousand, six hundred forty-two* cans. Which school collected more cans of food? Write the greater number of cans in expanded form.

Park Elementary School;

$$8,000 + 600 + 40 + 2$$

- Mathematical 1 PRACTICE** **Make a Plan** There are 398 students at Rebecca's school and 462 students at Haley's school. There are 10 more students at Ronnie's school than there are at Rebecca's school. Order the number of students at each school from least to greatest.

398; 408; 462

- Mathematical 3 PRACTICE** **Justify Conclusions** The table shows the points each player scored in a video game. Who scored more points? Circle the player's name.

Player	Points
Josh	2,365
Jake	2,475

In which place are the digits that helped you solve this problem?

hundreds

5. The distance from Los Angeles, California to New York, New York is 2,782 miles. What is the distance between the two cities rounded to the nearest hundred miles?

2,800 miles

My Work!

