MY Homework

Lesson 5

Round to the Nearest Hundred

Homework Helper

eHelp

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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	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.

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←——|——|——|——|——|——|——|——|——|——|——|——→
 1,800 1,810 1,820 1,830 1,840 1,850 1,860 1,870 1,880 1,890 1,900
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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**

Real World Problem Solving

10. Mathematical **PRACTICE** ➋ **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.

Mt. CARMY
5,344 ft

Test Practice

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

Ⓐ $3,500   Ⓒ $3,600

Ⓑ $3,560   Ⓓ $4,000