

Unit Review

1 How does the value of the 3 in 34,560 compare to the value of the 3 in 345,600?

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2 A recent survey reported that 713,298 people visited the local science museum last year. How can 713,298 be written in word form?

- (A) seventy-one thousand, three hundred twenty-nine
- (B) seven hundred thirteen thousand, two hundred ninety-eight
- (C) seven hundred thirteen, two ninety-eight
- (D) seven hundred thirty thousand, two hundred ninety-eight

3 Decide if $>$ or $<$ completes a true comparison for each pair of numbers.

Choose $>$ or $<$ for each pair of numbers.

	$>$	$<$
$2,634 \square 2,643$	(A)	(B)
$62,800 \square 62,799$	(C)	(D)
$7,314 \square 7,414$	(E)	(F)
$14,924 \square 4,925$	(G)	(H)

4 What is the sum of 7,447 and 1,027?

Record your answer on the grid. Then fill in the bubbles.

0	0	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

- 5 Look at the place-value chart below.

Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
	4	2	3	0	4

How can you write the number shown in the place-value chart?

Choose all the correct answers.

- Ⓐ forty-two thousand, three hundred four
- Ⓑ $40,000 + 2,000 + 300 + 40$
- Ⓒ four hundred twenty thousand, three hundred four
- Ⓓ 42,304
- Ⓔ $40,000 + 2,000 + 300 + 4$

- 6 What is the difference? Write your answer in the blank.

$$235,207 - 67,034 = \dots\dots\dots$$

- 7 Kangchenjunga is a mountain with a height of 28,169 feet. Lhotse is a mountain with a height of 27,940 feet.

Part A Use $>$, $<$, or $=$ to write a comparison of the heights of Kangchenjunga and Lhotse. Which mountain is higher? Show your work.

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Part B To the nearest thousand feet, how tall is each mountain? Show your work.

Kangchenjunga: feet

Lhotse: feet

Performance Task

Answer the questions and show all your work on separate paper.

The students at Water Street Elementary School have been given a “Half-Million Minute Reading Challenge.” Students record the number of minutes that they read each day, and their teachers find the total for each grade. The table below shows the number of minutes students read in the first four months of the challenge.

	First Grade	Second Grade	Third Grade	Fourth Grade	Fifth Grade
Number of Minutes	18,050	30,451	55,870	80,689	67,270

The principal of Water Street Elementary School wants a report on the school’s progress. She wants to know the total for each grade to the nearest thousand and about how close the school is to reaching the goal of 500,000 minutes. Write a letter to the principal describing how close students are to the goal and estimating how much more time they need to reach the goal. In the letter, you should show your work and explain your reasoning.

REFLECT

Use Mathematical Practices After you complete the task, choose one of the following questions to answer.

- **Persevere** Which information given in this problem helped you decide how to begin?
- **Reason Mathematically** How does rounding help you to solve this problem?

Checklist

Did you . . .

- show the original data and all calculations?
- explain how you made your estimate?
- write a complete letter?