Topic 1 Numeration

RETEACHING

Topic 1 Reteaching

Set A, pages 4–5

Write the word form and tell the value of the underlined digit for 930,365.

Nine hundred thirty thousand, three hundred sixty-five.

Since the 0 is in the thousands place, its value is 0 thousands or 0.

Write the word form and tell the value of the underlined digit for 65,467,386,941.

Sixty-five billion, four hundred sixty-seven million, three hundred eighty-six thousand, nine hundred forty-one

Since the 6 is in the ten billions place, its value is 60,000,000,000.

Remember that, starting from the right, each group of three digits forms a period. Periods are separated by commas.

Write the word form and tell the value of the underlined digit.
1–11. See margin.

1. 9,000,009
2. 300,000,000,000
3. 25,678
4. 17,874,000,000
5. 4,000,345,000
6. 105,389
7. 876,400,000,000
8. 600,309,470
9. 135,000
10. 2,647,000
11. 4,104,327,894

Set B, pages 6–8

Compare. Write <, >, or =.

2,876,547 ◯ 2,826,547.

Line up the numbers above one another.

2,876,547
2,826,547

Begin at the left and compare. Notice that the ten thousands are different.

7 ten thousands > 2 ten thousands

So, 2,876,547 > 2,826,547

Remember that lining up place values helps you compare numbers.

Compare. Write >, <, or =.

1. 9,990 (>) 9,099
2. 89,128 (<) 90,000
3. 1,000,000 (>) 999,999
4. 300,300 (<) 303,000
5. 6,752,100 (>) 6,752,000
6. 9,314 (=) 9,314
7. 17,320 (>) 17,212
8. 45,006 (<) 45,060
9. 22,009 (<) 22,090
10. 8,374 (=) 8,374

Topic 1 Reteaching

Set C, pages 10–11

Write the word form and tell the value of the underlined digit for the number 8.000026.

Write the numbers on a place value chart.

Eight and twenty-six millionths

The 2 is in the hundred-thousandths place. Its value is 0.00002.

Remember to write the word *and* for the decimal point. **1–6 See margin.**

Write the word form and tell the value of each underlined digit.

1. 8.59
2. 2.251
3. 7.003
4. 3.0024
5. 6.837
6. 0.000636

Set D, pages 12–13

Compare. Write <, >, or =.

8.45 ◯ 8.47.

Line up the numbers above each other by the decimals.

8.45
8.47

5 hundredths < 7 hundredths

So, 8.45 < 8.47.

Remember that equivalent decimals, such as 0.45 and 0.450, can help you compare numbers.

Compare. Write >, <, or =.

1. 0.584 (>) 0.58
2. 9.327 (>) 9.236
3. 5.2 (=) 5.20
4. 5.643 (<) 5.675
5. 0.07 (<) 0.08

Set E, pages 14–16

The table below shows the number of new members each month for a club. If the pattern continues, how many new members will there be in June?

Jan.	Feb.	Mar.	Apr.	May	June
15	30	60	120		

Pattern: The number doubles each month.

May: $120 \times 2 = 240$ June: $240 \times 2 = 480$

In June, there will be 480 new members.

Remember to look for a pattern.

1. On the board, Andrea's teacher wrote the pattern below. Find the next three numbers in the pattern.

   2, 4, 8, 14, 22, ___, ___, ___ **32; 44; 58**

2. Sean bought a rare stamp for $15. He was told that it would increase in value by $11 each year. What will the stamp's value be after 4 years?
   $59

Answers, Set A

1. nine million, nine; 9,000,000
2. three hundred billion; 300,000,000,000
3. Twenty-five thousand, six hundred seventy-eight; 5,000
4. Seventeen billion, eight hundred seventy-four million; 10,000,000,000
5. Four billion, three hundred forty-five thousand; 4,000,000,000
6. One hundred five thousand, three hundred eighty-nine; 0
7. Eight hundred seventy-six billion four hundred million; 800,000,000,000
8. Six hundred million, three hundred nine thousand, four hundred seventy; 600,000,000
9. One hundred thirty-five thousand; 5,000
10. Two million, six hundred forty-seven thousand; 600,000
11. Four billion, one hundred four million, three hundred twenty-seven thousand, eight hundred ninety-four; 0

Answers, Set C

1. Eight and fifty-nine hundredths; 0.5
2. Two and two hundred fifty-one thousandths; 0.05
3. Seven and three thousandths; 0.003
4. Three and twenty-four ten thousandths; 0.0004
5. Six and eight hundred thirty-seven thousandths; 0.03
6. Six hundred thirty-six millionths; 0.000006