

Working with Large Numbers

NCTM Standards 1, 2, 7, 9

Write numbers to match the words.

- 1 Nine hundred ninety-nine billion, nine hundred ninety-nine million, nine hundred ninety-nine thousand, nine hundred ninety-nine
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- 2 Four hundred five million, seven hundred thousand, five hundred four
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- 3 Eight hundred six billion, three hundred ten million, seventy-two thousand, fifty-eight
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For each group of numbers, write 1, 2, or 3 in the boxes to rank the numbers in order from greatest to least.

4

 4,203,615

 4,302,516

 4,320,615

5

 16,710,688,420

 16,710,868,420

 16,710,688,240

6

 465,403,555,403

 465,555,403,403

 465,403,403,555

Complete the number sentences.

7

$$4,502,000 = (4 \times 1,000,000) + (5 \times \underline{\hspace{2cm}}) + (2 \times \underline{\hspace{2cm}})$$

8

$$30,020,008 = (3 \times \underline{\hspace{2cm}}) + (2 \times \underline{\hspace{2cm}}) + (8 \times \underline{\hspace{1cm}})$$

9

$$\underline{\hspace{2cm}} = (4 \times 1,000,000) + (8 \times 10,000) + (5 \times 1,000) + (9 \times 100)$$

10

$$\underline{\hspace{2cm}} = (9 \times 10,000,000) + (6 \times 100,000) + (3 \times 100)$$

Write $>$, $<$, or $=$ to complete the number sentences.

11 351,007,298 351,070,298

12 10,000,000,000 100,000,000

13 46,644,464,646 46,644,464,446

14 Challenge Write the number that is forty thousand greater than four hundred twenty billion, three hundred twenty-five million, six hundred sixty-seven thousand, eight hundred ten.
