ALBERT

Name _____ Date _____

Expanded Form and Comparing Numbers Worksheet

Grade 4 · Common Core 4.NBT.A.2

> Read and write multi-digit whole numbers using base-ten numerals, number names, and expanded form. Compare two multi-digit numbers based on meanings of the digits in each place, using >, =, and < symbols to record the results of comparisons.

Practice

Builds the skill step by step.

1. Write 3,452 in expanded form.

2. Write 5,000 + 300 + 20 + 7 as a number.

3. Which is the number name for 6,018?

   A. six thousand, one hundred eight

   B. six thousand, eighty

   C. six thousand, eighteen

   D. six hundred eighteen

4. Write in standard form: twenty-four thousand, one hundred six.

5. Which number is greater, 4,521 or 4,251?

6. Which is the expanded form of 70,305?

   A. 70,000 + 30 + 5

   B. 70,000 + 3,000 + 5

   C. 7,000 + 300 + 5

   D. 70,000 + 300 + 5

7. Which number is less, 9,099 or 9,909?

8. Which comparison is true?

   A. 3,409 > 3,094

   B. 3,409 < 3,094

   C. 3,409 = 3,094

   D. 3,094 > 3,409

9. Write the number that has 4 thousands, 0 hundreds, 7 tens and 2 ones.

10. Order from least to greatest: 1,320; 1,203; 1,302.

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On Level

Grade-level practice.

1. Write 46,209 in expanded form.

2. Write in standard form: three hundred five thousand, sixty.

3. Which number is greater, 58,912 or 59,128?

4. Which number equals 600,000 + 4,000 + 70?

   A. 604,070

   B. 640,070

   C. 604,700

   D. 6,407

5. Order from greatest to least: 72,481; 72,814; 72,148.

6. Which number name matches 410,030?

   A. forty-one thousand, thirty

   B. four hundred one thousand, thirty

   C. four hundred ten thousand, thirty

   D. four hundred ten thousand, three hundred

7. Use each of the digits 3, 8, 1, 6 and 0 exactly once. What is the greatest 5-digit number you can make?

8. Which comparison is true?

   A. 250,000 < 205,999

   B. 250,000 > 205,999

   C. 99,999 > 100,000

   D. 305,000 = 350,000

9. A city has 128,406 people. Write this number in expanded form.

10. Peak A is 14,410 feet tall. Peak B is 14,179 feet tall. How tall is the taller peak?

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Challenge

Multi-step and word problems that stretch it.

1. Write the number that equals 7 ten thousands + 15 hundreds + 3 ones.

2. What is the least 6-digit number that has a 5 in the thousands place and no repeated digits?

3. Ana says 9,870 > 10,002 because 9 is greater than 1. Which is correct?

   A. 10,002 is greater, because 2 is greater than 0.

   B. 9,870 is greater, because its first digit is larger.

   C. The numbers are equal.

   D. 10,002 is greater, because it has a digit in the ten thousands place and 9,870 does not.

4. Write 300,000 + 40,000 + 500 + 6 in standard form.

5. What is the greatest digit that can go in the blank so that 45,_12 < 45,612 is true?

6. Order from least to greatest: 509,321; 590,123; 509,312; 95,321.

7. What number is 1,000 more than 99,500?

8. A number has 6 hundred thousands, 0 ten thousands, 4 thousands, 0 hundreds, 9 tens and 0 ones. What is the number?

9. Which list is in order from greatest to least?

   A. 1,000,000; 999,999; 99,999

   B. 999,999; 1,000,000; 99,999

   C. 99,999; 999,999; 1,000,000

   D. 1,000,000; 99,999; 999,999

10. Use each of the digits 2, 0, 7, 4 and 9 exactly once. What is the least 5-digit number you can make?