Eureka Math™

Grade 4

Lessons

4-5

Name _____   Date _____

1. a. On the place value chart below, label the units, and represent the number 90,523.

   b. Write the number in word form.

   c. Write the number in expanded form.

2. a. On the place value chart below, label the units, and represent the number 905,203.

   b. Write the number in word form.

   c. Write the number in expanded form.

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Lesson 4: Read and write multi-digit numbers using base ten numerals, number names, and expanded form.

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3. Complete the following chart:

Standard Form	Word Form	Expanded Form
	two thousand, four hundred eighty	
		$20,000 + 400 + 80 + 2$
	sixty-four thousand, one hundred six	
604,016		
960,060		

4. Black rhinos are endangered, with only 4,400 left in the world. Timothy read that number as "four thousand, four hundred." His father read the number as "44 hundred." Who read the number correctly? Use pictures, numbers, or words to explain your answer.

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Name _____ Date _____

1. a. On the place value chart below, label the units, and represent the number 50,679.

   b. Write the number in word form.

   c. Write the number in expanded form.

2. a. On the place value chart below, label the units, and represent the number 506,709.

   b. Write the number in word form.

   c. Write the number in expanded form.

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3. Complete the following chart:

Standard Form	Word Form	Expanded Form
	five thousand, three hundred seventy	
		50,000 + 300 + 70 + 2
	thirty-nine thousand, seven hundred one	
309,017		
770,070		

4. Use pictures, numbers, and words to explain another way to say sixty-five hundred.

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Lesson 4:   Read and write multi-digit numbers using base ten numerals, number
names, and expanded form.

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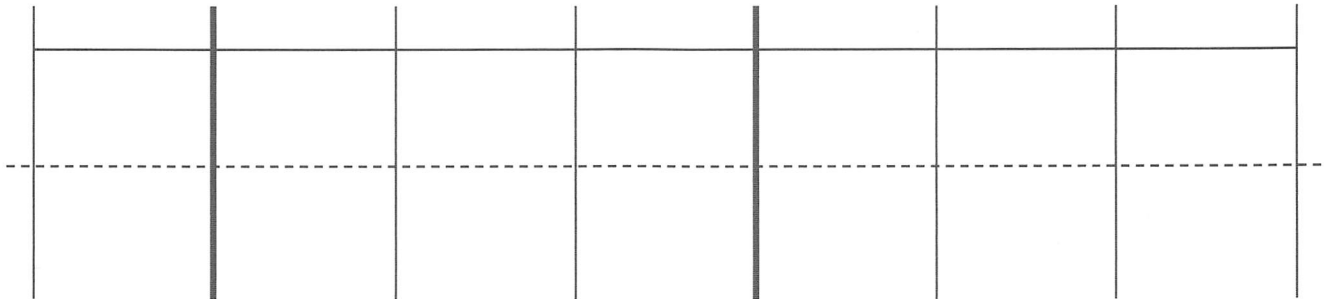Name _____   Date _____

1. Label the units in the place value chart. Draw place value disks to represent each number in the place value chart. Use <, >, or = to compare the two numbers. Write the correct symbol in the circle.

   a.   600,015 ◯ 60,015
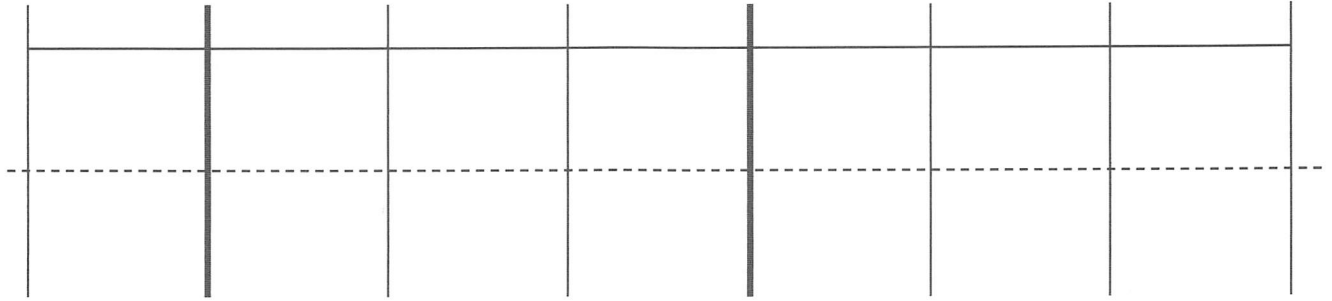
   b.   409,004 ◯ 440,002

2. Compare the two numbers by using the symbols <, >, and =. Write the correct symbol in the circle.

   a. 342,001 ◯ 94,981

   b. 500,000 + 80,000 + 9,000 + 100 ◯ five hundred eight thousand, nine hundred one

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Lesson 5:   Compare numbers based on meanings of the digits using >, <, or = to record the comparison.

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c.   9 hundred thousands 8 thousands 9 hundreds 3 tens ◯ 908,930

d.   9 hundreds 5 ten thousands 9 ones ◯ 6 ten thousands 5 hundreds 9 ones

3.   Use the information in the chart below to list the height in feet of each mountain from least to greatest. Then, name the mountain that has the lowest elevation in feet.

Name of Mountain	Elevation in Feet (ft)
Allen Mountain	4,340 ft
Mount Marcy	5,344 ft
Mount Haystack	4,960 ft
Slide Mountain	4,240 ft

4. Arrange these numbers from least to greatest: 8,002 2,080 820 2,008 8,200

5. Arrange these numbers from greatest to least: 728,000 708,200 720,800 87,300

6. One astronomical unit, or 1 AU, is the approximate distance from Earth to the sun. The following are the approximate distances from Earth to nearby stars given in AUs:

Alpha Centauri is 275,725 AUs from Earth.
Proxima Centauri is 268,269 AUs from Earth.
Epsilon Eridani is 665,282 AUs from Earth.
Barnard's Star is 377,098 AUs from Earth.
Sirius is 542,774 AUs from Earth.

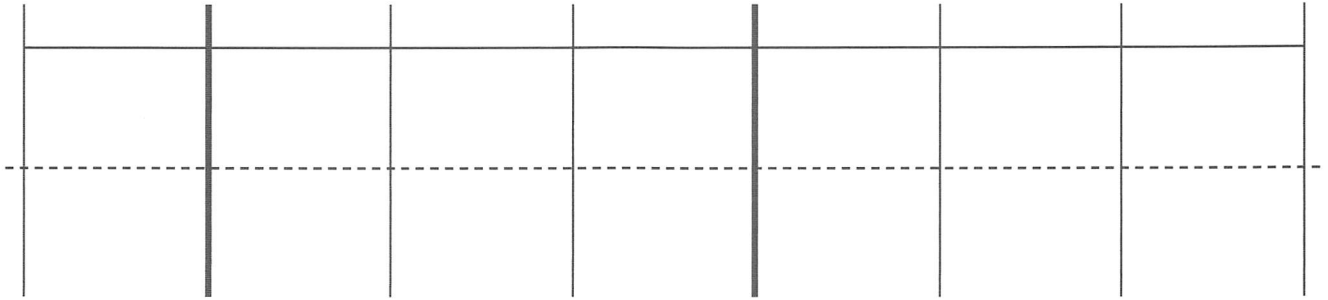List the names of the stars and their distances in AUs in order from closest to farthest from Earth.

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Lesson 5: Compare numbers based on meanings of the digits using >, <, or = to record the comparison.

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Name _____ Date _____

1. Label the units in the place value chart. Draw place value disks to represent each number in the place value chart. Use <, >, or = to compare the two numbers. Write the correct symbol in the circle.

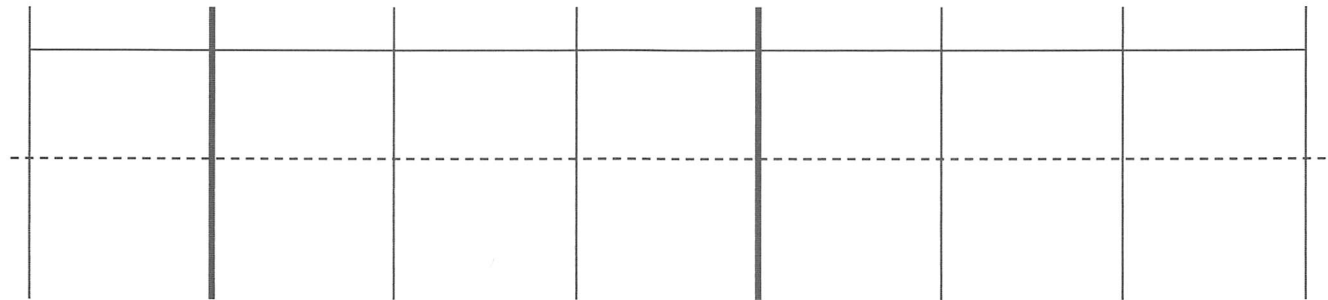   a.   909,013 ( ) 90,013

   b.   210,005 ( ) 220,005

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Lesson 5:   Compare numbers based on meanings of the digits using >, <, or = to record the comparison.

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2. Compare the two numbers by using the symbols <, >, and =. Write the correct symbol in the circle.

   a. 501,107   ◯   89,171

   b. 300,000 + 50,000 + 1,000 + 800   ◯   six hundred five thousand, nine hundred eight

   c. 3 hundred thousands 3 thousands 8 hundreds 4 tens   ◯   303,840

   d. 5 hundreds 6 ten thousands 2 ones   ◯   3 ten thousands 5 hundreds 1 one

3. Use the information in the chart below to list the height, in feet, of each skyscraper from shortest to tallest. Then, name the tallest skyscraper.

Name of Skyscraper	Height of Skyscraper (ft)
Willis Tower	1,450 ft
One World Trade Center	1,776 ft
Taipei 101	1,670 ft
Petronas Towers	1,483 ft

4. Arrange these numbers from least to greatest: 7,550   5,070   750   5,007   7,505

5. Arrange these numbers from greatest to least: 426,000   406,200   640,020   46,600

6. The areas of the 50 states can be measured in square miles.

    California is 158,648 square miles. Nevada is 110,567 square miles. Arizona is 114,007 square miles.
    Texas is 266,874 square miles. Montana is 147,047 square miles, and Alaska is 587,878 square miles.

    Arrange the states in order from least area to greatest area.

EUREKA MATH™   **Lesson 5:**   Compare numbers based on meanings of the digits using >, <, or = to   30
                                        record the comparison.

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unlabeled hundred thousands place value chart

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Lesson 5:   Compare numbers based on meanings of the digits using >, <, or = to record the comparison.

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