

Name _____

Date _____

- 3 1. On the place value chart below, label the units and represent the number 704,203.

a. Write the number in word form.

b. Write the number in expanded form.

- 10 2. Complete the following chart:

Number	Word Form	Expanded Form
	two thousand, four hundred seventy	
		50,000 + 300 + 70 + 2
	Thirty-five thousand, nine hundred one	

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810,017		
1,040,160		

- 2 3. Aaliyah saved \$400. Her sister has 10 times as much money. How much money does Aaliyah's sister have? Use numbers and words to explain how you got your answer.

- 2 4. Fill in the blanks to make the statements true.

a. 3 times as much as 5 is _____.

b. 10 times as much as 2 is _____.

- 1 5. Circle the correct answer(s) that would make the following statement true:

500 is

- A. 10 times as much as 5
- B. 10 times as much as 50
- C. 10 times as much as 5 tens

Module 1 Topic B

Score: ____/18

Name _____

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- 3 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.

500,014 50,01

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

a. 242,001 294,981b. $50,000 + 80,000 + 9,000 + 100$ five hundred eight thousand, nine hundred onec. 9 hundred thousands 8 thousands 4 hundreds 4 tens 908,440d. 6 hundred 2 ten thousands 9 ones 6 ten thousands 5 hundreds 9 ones

- 3 Fill in the empty boxes to complete the pattern below. Explain the pattern.

744,369	743,369	_____	741,369	_____	_____
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- 2 3. Taylor plays an online math game. She scored 10,000 more points on Level 2 than on Level 3. If she scored 359,867 points on Level 2, what was her score on Level 3? Use pictures, words, or numbers to explain your thinking.

4. Every 4 years, people from around the world gather to watch the Summer Olympics. The Olympics are held in a different country each year. The chart below shows the estimated populations of some of the countries that have hosted the Olympics. Use the information to solve the problems below.

Name of Country	Year they Hosted the summer Olympics	estimated population in 2006
Greece	2004	10,688,058
Australia	2000	20,264,082
United States	1996	300,000,000
Spain	1992	40,397,842
South Korea	1988	48,846,823

- 5 A. Write the populations of the 5 countries in order from least to greatest.

- 1 5. Use the following 6 digits to make the largest number possible.

5 2 0 8 9 1

Module 1 Topic C

Score: ____/15

Name _____

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1. Round to the nearest thousand. Use the number line to model your thinking.



- a. $8,421 \approx$ _____

- b. $92,802 \approx$ _____

- c. $424,887 \approx$ _____

2. A newly constructed community swimming pool that is 75 ft by 48 ft is to be filled with water. It will take 161,480 gallons of water. Destiny thinks the number of gallons rounds up to about 162,000 gallons. Her friend Sam thinks it is about 161,500. Who rounded to the nearest thousand, Destiny or Sam? Use pictures numbers and/or words to explain.

3. 291,852 people attended the Fourth of July fireworks show. Round this number to the nearest hundred thousand to estimate how many people went to the fireworks show. Use a number line to show your work.

- 2 4. A digit is missing in the number below, which was then rounded to the nearest hundred thousand. List the possible digits that could go in the ten thousands place to make this statement correct.

$$1_4,124 \approx 100,000$$

5. Solve the following problems using pictures, numbers, and words.

- 1 a. The AT & T Center (home of the Spurs) has a seating capacity of 18,581 people. On June 8 the Spurs played the Miami Heat in the second playoff game of 2014 and sold all available seats. If the headline in the newspaper the next day read "About 20,000 People Attend Game 2 of the NBA Playoffs" how did the newspaper round to estimate the total number of people in attendance?

- 2 b. In game one the AT & T center sold 16,258 , about how many more people attended the Game 2 than Game 1? Round each number to the largest place value before giving the estimated answer.

- 3 6. There are 748,500 Coca Cola employees in the United States. Round the number of employees to the given place value:

thousand _____

ten thousand _____

hundred thousand _____