Eureka Math™ Assessment Packet

Grade 4 Modules 1 & 2

Module 1

Mid-Module Assessment	Qty: 30
End-of-Module Assessment	Qty: 30

Module 2

End-of-Module Assessment	Qty: 30

Name _____   Date _____

1. a.   Arrange the following numbers in order from least to greatest:

        504,054   4,450   505,045   44,500

    b.   Use the words *ten times* to tell how you ordered the two smallest numbers using words, pictures, or numbers.

2. Compare using >, <, or =. Write your answer inside the circle.

    a.   1 hundred thousand   ( )   10,000

    b.   200 thousands 4 hundreds   ( )   204,000

    c.   7 hundreds + 4 thousands + 27 ones   ( )   6 thousands + 4 hundreds

    d.   1,000,000   ( )   10 hundred thousands

3. The football stadium at Louisiana State University (LSU) has a seating capacity of 92,542.

   a. According to the 2010 census, the population of San Jose, CA, was approximately ten times the amount of people that LSU's stadium can seat. What was the population of San Jose in 2010?

   b. Write the seating capacity of the LSU stadium in words and in expanded form.

   c. Draw two separate number lines to round the LSU stadium's seating capacity to the nearest ten thousand and to the nearest thousand.

d. Compare the stadium's seating rounded to the nearest ten thousand and the seating rounded to the nearest thousand using >, <, or =.

e. Which estimate (rounding to the nearest ten thousand or nearest thousand) is more accurate? Use words and numbers to explain.

Name _____   Date _____

1. Compare the values of each 7 in the number 771,548. Use a picture, numbers, or words to explain.

2. Compare using >, <, or =. Write your answer inside the circle.

    a. 234 thousands + 7 ten thousands $\bigcirc$ 241,000

    b. 4 hundred thousands – 2 thousands $\bigcirc$ 200,000

    c. 1 million $\bigcirc$ 4 hundred thousands + 6 hundred thousands

    d. 709 thousands – 1 hundred thousand $\bigcirc$ 708 thousands

3. Norfolk, VA, has a population of 242,628 people. Baltimore, MD, has 376,865 more people than Norfolk. Charleston, SC, has 496,804 less people than Baltimore.

   a. What is the total population of all three cities? Draw a tape diagram to model the word problem. Then, solve the problem.

   b. Round to the nearest hundred thousand to check the reasonableness of your answer for the population of Charleston, SC.

   c. Record each city's population in numbers, in words, and in expanded form.

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d. Compare the population of Norfolk and Charleston using >, <, or =.

e. Eddie lives in Fredericksburg, VA, which has a population of 24,286. He says that Norfolk's population is about 10 times as large as Fredericksburg's population. Explain Eddie's thinking.

Name _____ Date _____

1. Complete the conversion charts.

Length	
3 km	_____ m
9 km	_____ m
6 km 435 m	_____ m
12 km 12 m	_____ m

Mass	
3 kg	_____ g
20 kg 300 g	_____ g
1 kg 74 g	_____ g
403 kg 4 g	_____ g

Capacity	
4 L	_____ mL
48 L 808 mL	_____ mL
2 L 20 mL	_____ mL
639 L 6 mL	_____ mL

2. A student completed the problem below. Check his work. Explain how you know if each solution is correct or incorrect.

> Convert the following measurements:
>
> a. 24 km = _24,000_ m
>
> b. 16 L = _16,000_ mL
>
> c. 38 kg = _3,800_ g

3. Find the sum or difference.
   a. 493 km 43 m + 17 km 57 m

   b. 25 kg 32 g – 23 kg 83 g

   c. 100 L 99 mL + 2,999 mL

4. Billy is training for a half marathon. For the problems below, use tape diagrams, numbers, and words to explain each answer.

    a. Each day, Billy runs on the treadmill for 5 kilometers and runs on the outdoor track for 6,000 meters. In all, how many meters does Billy run each day?

    b. Since Billy has started training, he has also been drinking more water. On Saturday, he drank 2 liters 755 milliliters of water. On Sunday, he drank some more. If Billy drank a total of 4 liters 255 milliliters of water on Saturday and Sunday, how many milliliters of water did Billy drink on Sunday?

    c. Since he began exercising so much for his half marathon, Billy has been losing weight. In his first week of training, he lost 2 kilograms 530 grams. In the following two weeks of training, he lost 1 kilogram 855 grams each week. Billy now weighs 61 kilograms 760 grams. What was Billy's weight, in grams, before he started training? Explain your thinking.