Exit Ticket Packet

Name _____   Date _____

1. Fill in the blank to make the sentence true in both fraction form and decimal form.

   a. $\frac{9}{10}$ cm + _____ cm = 1 cm   0.9 cm + _____ cm = 1.0 cm

   b. $\frac{4}{10}$ cm + _____ cm = 1 cm   0.4 cm + _____ cm = 1.0 cm

2. Match each amount expressed in unit form to its fraction form and decimal form.

3 tenths		$\frac{5}{10}$		0.8
8 tenths		$\frac{8}{10}$		0.3
5 tenths		$\frac{3}{10}$		0.5

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Lesson 1: Use metric measurement to model the decomposition of one whole into tenths.
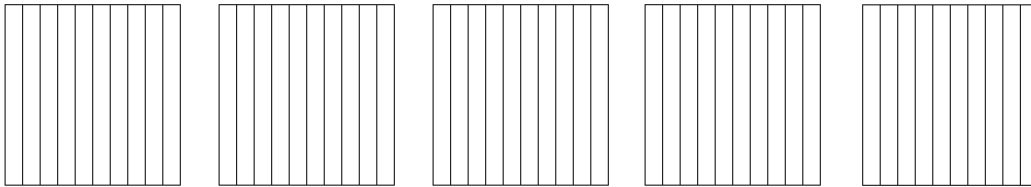
1

Name _____   Date _____

1. For the length given below, draw a line segment to match. Express the measurement as an equivalent mixed number.
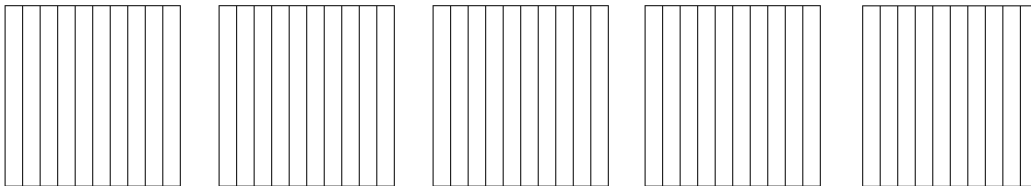
    4.8 cm

2. Write the following in decimal form and as a mixed number. Shade the area model to match.

    a.   3 ones and 7 tenths = _____ = _____

    b. $\frac{24}{10}$ = _____ = _____

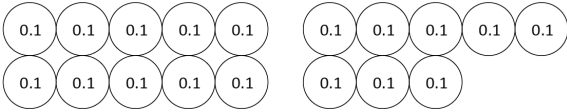   How much more is needed to get to 5? _____

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Lesson 2:   Use metric measurement and area models to represent tenths as
               fractions greater than 1 and decimal numbers.

2

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Name _____   Date _____

1. Circle groups of tenths to make as many ones as possible.

How many tenths in all?	Write and draw the same number using ones and tenths.
(0.1)(0.1)(0.1)(0.1)(0.1) (0.1)(0.1)(0.1)(0.1)(0.1) (0.1)(0.1)(0.1)(0.1)(0.1) (0.1)(0.1)(0.1) There are _____ tenths.	 Decimal Form: _____ How much more is needed to get to 2? _____

2. Complete the chart.

Point	Number Line	Decimal Form	Mixed Number (ones and fraction form)	Expanded Form (fraction or decimal form)	How much to get to the next one?
a.	├┼┼┼┼┼┼┼┼┼┤		$12\frac{9}{10}$		
b.	├┼┼┼┼┼┼┼┼┼┤	70.7			

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Lesson 3: Represent mixed numbers with units of tens, ones, and tenths with place value disks, on the number line, and in expanded form.

3

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Name _____   Date _____

1. Shade in the amount shown. Then, write the equivalent decimal.

$\frac{6}{10}$ m

1 meter
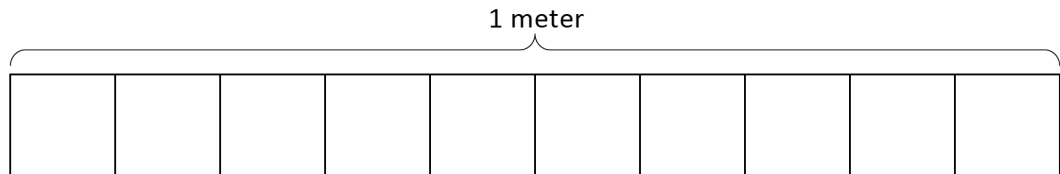
2. Draw a number bond, pulling out the tenths from the hundredths. Write the total as the equivalent decimal.

    a. $\frac{62}{100}$ m

    b. $\frac{27}{100}$

EUREKA MATH   **Lesson 4:**   Use meters to model the decomposition of one whole into hundredths.   **4**
Represent and count hundredths.

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Name _____   Date _____

Use both tenths and hundredths place value disks to represent each fraction. Write the equivalent decimal, and fill in the blanks to represent each in unit form.

1. $\frac{7}{100}$ = 0.____

      ___ hundredths

2. $\frac{34}{100}$ = 0. ____
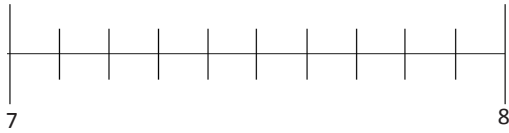
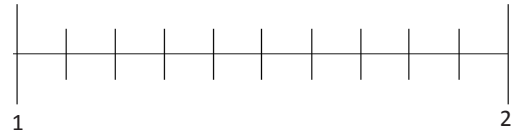   ___ tenths ___ hundredths

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Name _____   Date _____

1. Estimate to locate the points on the number lines. Mark the point, and label it as a decimal.

   a. $7\frac{20}{100}$

   b. $1\frac{75}{100}$

2. Write the equivalent fraction and decimal for each number.

   a. 8 ones 24 hundredths

   b. 2 ones 6 hundredths

Lesson 6:   Use the area model and number line to represent mixed numbers with
units of ones, tenths, and hundredths in fraction and decimal forms.

6

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Name _____ Date _____

1. Use the place value chart to answer the following questions. Express the value of the digit in unit form.

hundreds	tens	ones	.	tenths	hundredths
8	2	7		6	4

   a. The digit _____ is in the hundreds place. It has a value of _____.

   b. The digit _____ is in the tens place. It has a value of _____.

   c. The digit _____ is in the tenths place. It has a value of _____.

   d. The digit _____ is in the hundredths place. It has a value of _____.

2. Complete the following chart.

Fraction	Expanded Form		Decimal
	Fraction Notation	**Decimal Notation**	
$422\frac{8}{100}$			
	$(3 \times 100) + (9 \times \frac{1}{10}) + (2 \times \frac{1}{100})$		

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Lesson 7: Model mixed numbers with units of hundreds, tens, ones, tenths, and hundredths in expanded form and on the place value chart.

7

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Name _____   Date _____

1. a. Draw place value disks to represent the following decomposition:

   3 ones 2 tenths = _____ tenths

ones	.	tenths	hundredths

   b. 3 ones 2 tenths = _____ hundredths

2. Decompose the units.

   a. 2.6 = _____ tenths   b. 6.1 = _____ hundredths

Name _____ Date _____

1. a. Doug measures the lengths of three strings and shades tape diagrams to represent the length of each string as show below. Express, in decimal form, the length of each string.

1 meter

String 1

1 meter

String 2

1 meter
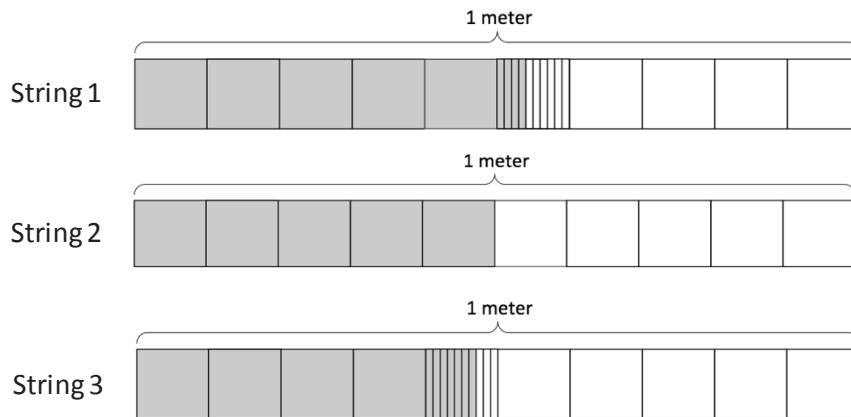
String 3

   b. List the lengths of the strings in order from greatest to least.

2. Compare the values below using >, <, or =.

   a. 0.8 kg _____ 0.6 kg

   b. 0.36 kg _____ 0.5 kg

   c. 0.4 kg _____ 0.47 kg

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Lesson 9:   Use the place value chart and metric measurement to compare
             decimals and answer comparison questions.

9

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Name _____ Date _____

1. Ryan says that 0.6 is less than 0.60 because it has fewer digits. Jessie says that 0.6 is greater than 0.60. Who is right? Why? Use the area models below to help explain your answer.

0.6 _____ 0.60
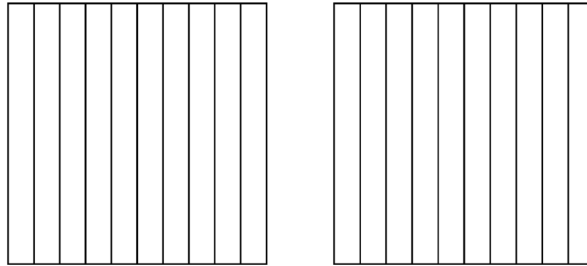
2. Use the symbols <, >, or = to compare.

   a. 3.9 _____ 3.09

   b. 2.4 _____ 2 ones and 4 hundredths

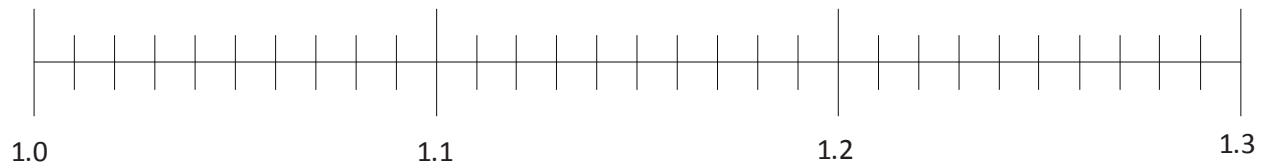   c. 7.84 _____ 78 tenths and 4 hundredths

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Lesson 10: Use area models and the number line to compare decimal numbers, and record comparisons using <, >, and =.

10

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Name _____   Date _____

1. Plot the following points on the number line using decimal form.

    1 one and 1 tenth, $\frac{13}{10}$, 1 one and 20 hundredths, $\frac{129}{100}$, 1.11, $\frac{102}{100}$

    1.0   1.1   1.2   1.3

2. Arrange the following numbers in order from greatest to least using decimal form. Use the > symbol between each number.

    5.6, $\frac{605}{100}$, 6.15, $6\frac{56}{100}$, $\frac{516}{100}$, 6 ones and 5 tenths

    _____

Name _____   Date _____

1. Complete the number sentence by expressing each part using hundredths. Use the place value chart to model.

ones	●	tenths	hundredths

1 tenth + 9 hundredths = _____ hundredths

2. Find the sum. Write your answer as a decimal.

$$\frac{4}{10} + \frac{73}{100}$$

Lesson 12:   Apply understanding of fraction equivalence to add tenths and hundredths.

12

Name _____ Date _____

Solve by rewriting the number sentence in fraction form. After solving, rewrite the complete number sentence in decimal form.

1.   7.3 + 0.95

2.   8.29 + 5.9

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Lesson 13:   Add decimal numbers by converting to fraction form.

13

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Name _____ Date _____

Elise ran 6.43 kilometers on Saturday and 5.6 kilometers on Sunday. How many total kilometers did she run on Saturday and Sunday?

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Lesson 14: Solve word problems involving the addition of measurements in decimal form.

14

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Name _____   Date _____

Solve. Give the total amount of money in fraction and decimal form.

1. 2 quarters and 3 dimes

2. 1 quarter 7 dimes and 23 pennies

Solve. Express the answer as a decimal.

3. 2 dollars 1 quarter 14 pennies + 3 dollars 2 quarters 3 dimes

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Name _____   Date _____

Use the RDW process to solve. Write your answer as a decimal.

David's mother told him that he could keep all the money he finds under the sofa cushions in their house. David finds 6 quarters, 4 dimes, and 26 pennies. How much money does David find altogether?