

## Grade 7 – NUMERACY – LESSON 2

### Place Value Decimals

Decimals can also be written and read in standard form or expanded form.

#### Standard Form

When you read decimals in standard form the decimal point is read as "and".

#	<i>read as:</i>
4.1	four <b>and</b> one tenth
6013.915	six thousand thirteen <b>and</b> nine hundred fifteen thousandths
12 746.89	twelve thousand seven hundred forty-six <b>and</b> eighty-nine hundredths

When you read decimals, read the decimal part the same as you read a whole number, then add the place value of the last digit.

1.145: the place value of the last digit is **thousandths**.

It is read as: one **and one hundred forty five thousandths**.

16.72: the place value of the last digit is hundredths.

It is read as: *sixteen and seventy-two hundredths*.

1. Match the number to its correct standard word form.

\_\_\_ 7.25 a. seven hundredths

\_\_\_ 7.52 b. seven and twenty-five thousandths

\_\_\_ 0.07 c. seven and twenty-five hundredths

\_\_\_ 0.007 d. seven hundred seven

\_\_\_ 7.025 e. seventy and two hundred five thousandths

\_\_\_ 0.707 f. seven thousandths

\_\_\_ 707.0 g. seven hundred seven thousandths

\_\_\_ 70.205 h. seven and fifty-two hundredths

2. Write out the following numbers in standard word form. This is the same as how you would say the numbers out loud. *Reminder: In place of the decimal, write the word "and".*

Ex. 6.792 = six and seven hundred ninety-two thousandths

a. 4.52 = \_\_\_\_\_

b. 72.041 = \_\_\_\_\_

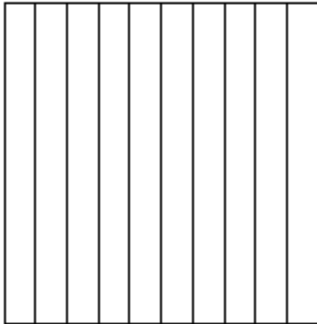
c. 0.83 = \_\_\_\_\_

d. 50.6 = \_\_\_\_\_

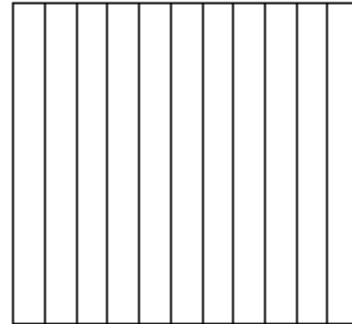
e. 0.735 = \_\_\_\_\_

3. Fill in the grids to represent the given decimal.

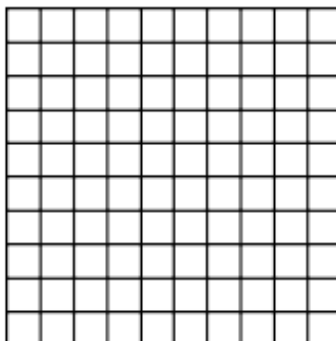
a. 0.6



b. 0.2



c. 0.32



d. 0.6

