Grade 5 Decimal Place Value

Name: _____   **Date:** _____

Identifying Decimal Place Value

Part 1: Identify the Place Value

Write the place value of the underlined digit in each decimal number.

a. 3.4̲58

Place value of 4: _____

b. 7.29̲1

Place value of 9: _____

c. 0.05̲67

Place value of 5: _____

d. 12.34̲5

Place value of 4: _____

e. 0.12̲34

Place value of 2: _____

Part 2: Word Problems

 Answer the following questions based on the decimals provided.

a. What is the value of the digit 8 in the number 9.487?

Value: _____

b. If you move the decimal point in the number 0.64 one place to the right, what will the new number be?

New number: _____

c. What digit is in the thousandths place in the number 4.236?

Digit: _____

Part 3: Challenge Problem

 Write a decimal number that has the following place values: 5 in the tenths place, 2 in the hundredths place, and 9 in the thousandths place.

Your number: _____