Name	_ #	Date
SCCA		Math – Ms. Scully

Unit 2 Part 1 Review Sheet (Lessons 4-8 in Statue Book) Answer Key

Complete this review sheet for homework tonight as you are studying for your test. The answers will posted on my website http://scullymath.weebly.com tonight. You may hand it in before the test on Tuesday, November 10 for 3 bonus points on your test! ©

Lesson 4

1. Study the pattern. Complete the sentence to describe the pattern.

687,129 6,871.29 68.7129 0.687129

In each number, the value of the digit 6 is <u>one hundredth</u> the value of the digit 6 in the number to its left.

 How many times as great is the value of the digit 9 in 19.35 as the value of the digit 9 in 53.19?

α.	10,000 times	b.	1,000 times
\sim	-		

(c.) 100 times d. 10 times

Lesson 5

10²

1. Write the expression in exponent form. Determine its value.

ten to the fifth power exponent form: 10^5 value: 100,000

2. Choose the correct divisor.

 $47.21 \div = 0.4721$ **a.** 10^1

c. 10³ **d.** 10⁴

3. What happens to the digits 7 and 9 when finding the product of 0.709 × 10³? What is the product?

The digits move three places to the left. The product is 709.

4. Place the decimal point in the quotient. Add zeros if needed. $62 \div 10^3 = 0$. 0 6 2

Lesson 6

1. Write the decimal 187.03 in words.

one hundred eighty-seven and three hundredths

2. Which shows the word phrase as a decimal?

sixteen and forty-two thousandths

- a. 16,000.420b. 16,000.042c. 16.420d. 16.042
- 3. Write the decimal 280.75 in expanded form.

 $2 \times 100 + 8 \times 10 + 0 \times 1 + 7 \times \frac{1}{10} + 5 \times \frac{1}{100}$

Write the decimal that represents the expanded form of the number.

 $9 \times 100 + 0 \times 10 + 2 \times 1 + 0 \times \frac{1}{10} + 8 \times \frac{1}{100} + 3 \times \frac{1}{1,000}$

902.083

Lesson 7

1. Compare. Use place value. Write <, >, or =.

8.219 > 8.192

2. Which statement is NOT true?

a. 0.005 < 0.050	b. 2.450 = 2.45
0.045 > 0.25	d. 2.024 < 2.025

3. Simon says 0.32 is less than 0.298 because 32 is less than 298. Explain why Simon's reasoning is incorrect.

Possible explanation: Simon is not taking into consideration the place value of the digits. If you compare place values of the two numbers, you will see that because 3 tenths is greater than 2 tenths, 0.32 > 0.298.

- 4. Which of the following decimals is to the right of 0.903 on the number line?
 - a. 0.309
 b. 0.393
 c. 0.093
 d. 0.93

Lesson 8

1. Round the decimal 1.467 to the nearest one, tenth, and hundredth.

one	tenth	hundredth		
1	1.5	1.47		

 Which of the following decimals does NOT round to the nearest hundredth as 4.76?

a. 4.706	b. 4.759
c. 4.761	d. 4.764

3. Use the place-value chart to round 23.774 to the nearest whole number, nearest tenth, and nearest hundredth.

tens	ones	tenths	hundredths	thousandths
2	3	7	7	4

Nearest whole number: _____

Nearest tenth: 23.8

Nearest hundredth: 23.77