**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_**

**ANSWER KEY**

**Worksheet 14**

0.002

1. Write the decimal**:** two thousandths \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0.01

1. Write the decimal**:** one hundredth \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Express the value of the underlined digit as a fraction whose denominator is a power of 10.
3. .0433 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. 47.2978 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. 0.5556 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. 0.655 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

A

1. Multiple Choice: Which number is the greatest? \_\_\_\_\_\_

a) 0.601 b) 0.1587 c) 0.359 d) 0.1257

1. Determine if the decimal is terminating or repeating.

terminating

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

repeating

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

repeating

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

terminating

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Write the decimal for each rational number. Use a bar to show the repetend.

0.142857

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0.26

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0.3

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0.230769

1. Round each decimal to the nearest tenth and to the nearest thousandth.

Tenth Thousandth

0.319

0.3

(a) 0.3187 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0.435

0.4

(b) 0.43526 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0.799

0.8

(c) 0.7989 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0.020

0.0

(d) 0.020101 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Convert the following fractions to their equivalent decimals and then list the fractions in order from least to greatest.

0.428571, 0.0666, 0.6274509804, 0.7692307, 0.5555

Equivalent Decimals: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Fractions from Least to Greatest: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Write the name of the decimal4.3758

Four and three thousand, seven hundred, fifty-eight ten thousandths

1. Add or subtract the following decimals. Show your work.

18.321 + 1.05 – 0.9273

18.321

+ 1.050

19.3710

- 0.9273

18.4437

1. Multiply by POWERS of 10 without using a calculator.

340 x 10-3 = 0.34

(a) 340 x .001 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0.023 x 103 = 23

(b) 0.023 x 1000 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

12. Find the product of 13.28 x .00154. Show your work.

.00154

x 13.28

01232

00308

00462

00154

\_\_\_\_\_\_\_\_\_\_

.0204512

13. Find the quotient of 14 ÷ 0.00032. Show your work.