**Unit 3 Practice Test: DECIMALS** **NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**1.** Write each number in standard form. (Use a place value chart if it helps)

a) 4 and 3 thousandths

b) 236 millionths

c) 6 and 12 ten thousandths

2. a) Estimate using **Front End** estimation. Tell if the estimate is an overestimate or underestimate.

4.83 x 5

b) Estimate using **Front End** estimation. Tell if the estimate is an overestimate or underestimate.

 685.4 ÷ 2

 c) Estimate using decimal benchmarks: Tell if the estimate is an overestimate or underestimate.

4.83 x 5

d) Estimate using compatible numbers: Tell if the estimate is an overestimate or underestimate.

685.4 ÷2

3. Estimate to replace each \_\_\_\_ with < or > to make the statement true.

a) 3 x 2.16 \_\_\_\_ 8

b) 4 x 0.95 \_\_\_ 38.5

4. Estimate to place the decimal place in each product

a) 2.4 x 6 = 144

b) 3.123 x 5 = 15615

5. Multiply to find exact answer. SHOW WORK

a) 0.45 x 6 b) 2.14L x 5

6. Divide to find exact answer. SHOW WORK

a) 26.2 ÷ 4 b) $3.67 ÷ 5

c). 0.26 ÷ 2 d) 0.042 ÷ 7

7. Draw a square with a perimeter of 10.4 cm. Label the side length.