

Solve each problem below using your knowledge of decimals.

1. Write each phrase as a decimal.

- a) sixty-seven and forty thousandths **67.040**
- b) four and six ten-thousandths **4.0006**
- c) three and 7 millionths **3.000007**
- d) five hundred thousandths **0.500 or .500**
- e) five hundred-thousandths **0.00005 or .00005**

2. Write each decimal using words.

- a) 80.06 **eighty and six hundredths**
- b) 0.0123 **zero and one hundred twenty-three ten-thousandths**
- c) 906.380 **nine hundred six and three hundred eighty thousandths**
- d) 0.600 **zero and six hundred thousandths OR six hundred thousandths**
- e) 0.00006 **zero and six hundredth-thousandths OR six hundredth-thousandths**

3. Order each of the following sets of decimals from least to greatest.

- a) 0.505, 0.55, 0.5 **0.5, 0.505, 0.55**
- b) 17.6, 17.65, 17.5, 17.62 **17.5, 17.6, 17.62, 17.65**
- c) 8.822, 8.288, 8.282 **8.282, 8.288, 8.822**
- d) 26.057, 26.007, 2.706, 2.670 **2.670, 2.706, 26.007, 26.057**

4. Of the 100 gymnasts at a meet, 34 are boys. Write a decimal for the part of the gymnasts that are girls.

0.66 or .66

5. Use the digits 0, 3 and 5 and a decimal point to write five different numbers.

Answers will vary. A sample answer is: 0.35, .0.53, .305, .503, .053

6. Write 3 decimals between 2.45 and 2.46 in order from least to greatest.

Answers will vary. A sample answer is: 2.451, 2.452, and 2.453