

Review Exercise Set 17

Exercise 1: Name the place value for "3" in the following number.

76.583461

Exercise 2: Name the place value for "3" in the following number.

0.056873

Exercise 3: Write the fraction below as a decimal.

$$\frac{93}{10000}$$

Exercise 4: Write the decimal below as a fraction.

0.357

Exercise 5: Place the correct symbol (< or >) between the two numbers below.

0.357 ____ 0.0985

Exercise 6: Place the following numbers below in order from smallest to largest.

0.357, 0.307, 0.39, 0.038

Exercise 7: Round the number 81.054328 to the nearest thousandth.

Review Exercise Set 17 Answer Key

Exercise 1: Name the place value for "3" in the following number.

76.58**3**461

The three is in the thousandths place

Exercise 2: Name the place value for "3" in the following number.

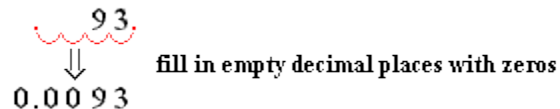
0.0568**73**

The three is in the millionths place

Exercise 3: Write the fraction below as a decimal.

$$\frac{93}{10000} = 0.0093$$

Since our denominator is 10,000 we need to move the decimal point behind the three to the left four places so that the 3 will be in the ten thousandths place.



93
↓ fill in empty decimal places with zeros
 0.0093

Exercise 4: Write the decimal below as a fraction.

$$0.357 = \frac{357}{1000}$$

The 7 is in the thousandths place so to write the decimal as a fraction we would place 357 over 1000. The resulting fraction cannot be reduced so this would be the final answer.

Exercise 5: Place the correct symbol (< or >) between the two numbers below.

$$0.357 > 0.0985$$

0.357 is larger than 0.0985 so the correct symbol would be ">".

Exercise 6: Place the following numbers below in order from smallest to largest.

0.357, 0.307, 0.39, 0.038

0.038, 0.307, 0.357, 0.39

Exercise 7: Round the number 81.054328 to the nearest thousandth.

81.054328

The 4 is in the thousandths place so we would look at the number in the ten thousandths place which would be 3. Since 3 is not equal to or greater than 5 we would round the number down. Therefore, the correct answer rounded to the nearest thousandth would be:

81.054