



Name \_\_\_\_\_

**Set 1:**

**1. Express the following decimal numbers as fractions.**

- a. 0.5                                      b. 2.65                                      c. 79.352                                      d. 0.009

**2. Express each fraction as a decimal number.**

- a.  $\frac{15}{100}$                                       b.  $\frac{215}{10}$                                       c.  $\frac{2}{1000}$                                       d.  $\frac{514}{100}$

**3. Write as decimals.**

- a. 29 thousandths                                      b. 400 tenths                                      c. 14 hundredths                                      d. 7 tenths

**4. Write the place value of the underlined digit.**

- a. 85.2                                      b. 2.569                                      c. 30.207                                      d. 15.178

**5. Write the following numbers in the expanded form.**

- a. 2.038                                      b. 0.225                                      c. 187.2                                      d. 19.523

**Set 2:**

**1. Convert the following unlike decimals into like decimals.**

- a. 2.36, 5.1, 8.12, 2.036, 9                                      b. 6.9, 2.15, 8, 8.23, 1.2

**2. Check whether the following decimals are like or unlike.**

- a. 2.3, 4.9, 1.2, 5.0, 2.5                                      b. 1.02, 7.9, 2.15, 0.56, 5.00

**3. Which number is greater?**

- a. 1.235 or 9.23                                      b. 7.365 or 7.360                                      c. 0.125 or 1.568                                      d. 1.00 or 0.12

**4. Arrange the numbers in ascending order. (Direction: Convert into like decimals)**

- a. 6.162, 5.234, 6.524, 4.258, 5.268, 8.245  
b. 0.999, 9.99, 99.9, 0.99, 9.9, 99.9  
c. 13.2, 1.32, 13.21, 1.3, 1.15, 0.132

**5. Arrange the numbers in descending order. (Direction: Convert into like decimals)**

- a. 104.2, 235.06, 95.23, 115.870, 22.891, 100.258  
b. 4.44, 0.44, 4.4, 44, 4.444, 44.4  
c. 12.98, 4.259, 60.1, 12, 4.128, 5.170

**Set 3:**

**1. Who am I?**

- a. I am a decimal number. The digit 1 is in the tenths place. The digit in the ones place is 5 more than the digit in the tenths place. The digit in the tens place is a multiple of 2 and 4.
- b. I am a decimal number. The digit 9 is in the hundredths place. The digit 4 is in the tenths place. The digit in the ones place is a multiple of 8. The digit in the tens place is the difference between the digits in the hundredths and tenths place.
- c. I am a decimal number. The digit in the hundredths place is 2. The digit in the tenths place is 5. The digit in the ones place is the greatest single digit odd number. The digit in the tens place is the smallest single digit even number.

**2. Which number is smaller?**

- a. 5.455 or 5.4
- b. 2.05 or 2.5
- c. 6.89 or 6.98
- d. 2.33 or 2

**3. Write True or False.**

- a.  $2.5 = 2$
- b.  $5.20 = 5.2$
- c.  $85.8 = 85.08$
- d.  $85.76 = 75.76$

**4. Write the place value of underlined digit.**

- a. 25.89
- b. 65.123
- c. 201.23
- d. 55.18

**5. Complete the following table.**

Decimal number	Fraction number
25.8	
	$\frac{12}{1000}$
	$\frac{125}{10}$
16.52	
	$\frac{35}{10}$
28.209	
	$\frac{712}{100}$
0.897	
0.004	
	$\frac{200}{1000}$
5.02	