

Decimal Place Value

1. Write the numbers.

<p>a. 4 ones, 7 tenths</p> <p>b. 8 tens, 9 ones, 9 tenths, 5 hundredths</p> <p>c. 1 tenth, 7 hundredths</p> <p>d. 8 tenths, 2 tens</p> <p>e. 4 hundredths, 6 hundreds</p>	<p>f. Which two of these numbers are equal?</p> <p>6 7.67 6.76 6.6 7.76 6.60</p>
	<p>g. Write the above numbers in order.</p>

2. Name the place that has been underlined in the number (for example, tenths place).

- a. 345.9 b. 345.92 c. 305.97 d. 30.5
- e. 6.5 f. 2.30 g. 2,005.4 h. 10.1

3. Write the following numbers in the decimal form.

- a. $\frac{4}{100}$ e. $6 + 80 + \frac{7}{10}$ i. seven and a half
- b. $2 + \frac{5}{100}$ f. $\frac{2}{10} + \frac{4}{100}$ j. $30 + 9,000 + 5 + \frac{5}{100}$
- c. $90 + \frac{9}{10}$ g. $10 + \frac{7}{10} + \frac{5}{100}$ k. $200 + 2,000 + \frac{0}{10}$
- d. $50 + \frac{12}{100} + 4$ h. $600 + 8 + \frac{91}{100} + 3,000$ l. $9 + \frac{2}{10} + \frac{3}{100} + 30 + 400$

4. Break down the following numbers to their different "parts" according to place value.

- a. $45.42 = 40 + 5 + \frac{4}{10} + \frac{2}{100}$ d. 600.32
- b. 11.3 e. 203.09
- c. 304.52 f. 9,090.08

5. Match each expression from the first column with one from the second.

a.	$2\frac{4}{10}$	$0.2 + 4$	b.	$5\frac{14}{100}$	$0.14 + 15$
	$10 + \frac{5}{10}$	$2 + 0.4$		$15 + \frac{4}{100}$	$15 + 0.04$
	$4 + \frac{2}{10}$	$0.1 + 15$		$5 + \frac{4}{10}$	$0.14 + 5$
	$10 + \frac{1}{10} + 5$	$10 + 0.5$		$\frac{14}{100} + 15$	$5 + 0.4$