

**Note: the word *decimal* can mean TWO things:**

- 1) *decimal* = decimal number = a number that has digits after the decimal point
- 2) *decimal* = a digit after the decimal point.

Thus we can say that the number 2.3987 has four decimals. Or we can talk about adding decimals or adding decimal numbers.

4. Name the place value that has been underlined in the number.

- a. 345.9    b. 345.9    c. 2,305    d. 30.5    e. 6.5    f. 2,305    g. 2,005.4    h. 10.1

5. Write the following numbers in the normal form. Be careful! The biggest place values are not necessarily first.

- |                            |                                    |                                     |
|----------------------------|------------------------------------|-------------------------------------|
| a. $\frac{4}{10}$          | e. $6 + 80 + \frac{7}{10}$         | i. seven and a half                 |
| b. $2 + \frac{5}{10}$      | f. $\frac{2}{10} + 70$             | j. $30 + 9000 + 5 + \frac{3}{10}$   |
| c. $90 + \frac{9}{10}$     | g. $500 + 10 + \frac{7}{10}$       | k. $200 + 2000 + 90 + \frac{8}{10}$ |
| d. $50 + \frac{1}{10} + 4$ | h. $600 + 8 + \frac{9}{10} + 6000$ | l. $9 + \frac{0}{10} + 30 + 4000$   |

6. Break down the following numbers. Then read the numbers in two different forms.

- |  |           |
|--|-----------|
| a. $456.4 = 400 + 50 + 6 + \frac{4}{10}$ | f. 203.0  |
| b. 0.3                                   | g. 9090.3 |
| c. 304.5                                 | h. 398.9  |
| d. 4,676.6                               | i. 0.8    |
| e. 600.3                                 | j. 30.5   |

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

$$2\frac{4}{10}$$

$$10 + \frac{5}{10}$$

$$4 + \frac{2}{10}$$

$$10 + \frac{1}{10} + 5$$

$$0.2 + 4$$

$$2 + 0.4$$

$$0.1 + 15$$

$$10 + 0.5$$