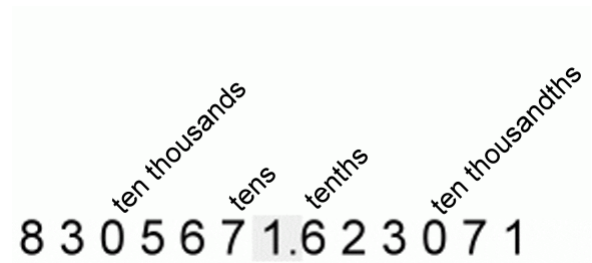


Name:

Date:

Decimal Place Value

1. Fill in the names of the place values on the chart.



2. Match the expressions that have the same value.

- 0.00006
- 0.0015
- 0.00015
- 0.006
- 0.000015
- 0.015

- 6 parts per thousand
- 15 hundred-thousandths
- 15 ten-thousandths
- 6 hundred-thousandths
- 15 parts per million
- 15 thousandths

$$\begin{array}{r} 6 \\ \hline 100000 \\ 15 \\ \hline 100000 \\ 15 \\ \hline 1000 \\ 15 \\ \hline 10000 \\ 6 \\ \hline 1000 \\ 15 \\ \hline 1000000 \end{array}$$

3. Write as decimals.

- a. three thousandths
- b. 34 tenths
- c. 1 and 1934 millionths
- d. 34 ten-thousandths
- e. 907 millionths
- f. 837 hundred-thousandths
- g. 52 hundredths
- h. 8 hundred-thousandths
- i. 3 and 17 thousandths
- j. 91 millionths
- k. 1 and 56 thousandths
- l. 2 and 28319 millionths
- m. 291 ten-thousandths
- n. 4 and 5 millionths
- o. 17 tenths

4. Write as fractions.

- a. 0.09
- b. 0.005
- c. 0.045
- d. 0.00371
- e. 0.02381
- f. 3.0078
- g. 2.9302
- h. 2.003814
- i. 5.3925012
- j. 0.0000031
- k. 3.294819
- l. 45.00032

5. Add mentally.

- a. $0.4 + \frac{7}{10}$
- b. $0.28 + \frac{12}{100}$
- c. $4.09 + \frac{17}{100}$
- d. $1 \frac{346}{1000} - 0.120$