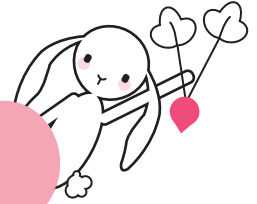


Decimals to the Thousandths Place



Decimals can be written out by place value.

Example: The number 2,241.895 can be written out as:

$$2 \times 1000 \text{ (thousands place)}$$

$$2 \times 100 \text{ (hundreds place)}$$

$$4 \times 10 \text{ (tens place)}$$

$$1 \times 1 \text{ (ones place)}$$

$$8 \times 0.1 \text{ (tenths place)}$$

$$9 \times 0.01 \text{ (hundredths place)}$$

$$5 \times 0.001 \text{ (thousandths place)}$$

OR

$$(2 \times 1000) + (2 \times 100) + (4 \times 10) +$$

$$(1 \times 1) + (8 \times 0.1) + (9 \times 0.01) +$$

$$(5 \times 0.001)$$

Directions: Write out each decimal to the thousandths place.

3.701

$$(3 \times 1) + (7 \times 0.1) + (1 \times 0.001)$$

3,875.3848

$$(3 \times 1000) + (8 \times 100) + (7 \times 10) + (5 \times 1) + (3 \times 0.1) + (8 \times 0.01) + (4 \times 0.001) + (8 \times 0.0001)$$

49.531

$$(4 \times 10) + (9 \times 1) + (5 \times 0.1) + (3 \times 0.01) + (1 \times 0.001)$$

4,579.233

$$(4 \times 1000) + (5 \times 100) + (7 \times 10) + (9 \times 1) + (2 \times 0.1) + (3 \times 0.01) + (3 \times 0.001)$$

347.433

$$(3 \times 100) + (4 \times 10) + (7 \times 1) + (4 \times 0.1) + (3 \times 0.01) + (3 \times 0.001)$$

7,999.00

$$(7 \times 1000) + (9 \times 100) + (9 \times 10) + (9 \times 1)$$

28.001

$$(2 \times 10) + (8 \times 1) + (1 \times 0.001)$$

4,855.566

$$(4 \times 1000) + (8 \times 100) + (5 \times 10) + (5 \times 1) + (5 \times 0.1) + (6 \times 0.01) + (6 \times 0.001)$$

