



# Build decimal numbers

## Grade 5 Place Value Worksheet

Write the decimal numbers.

Example:  $42.89 = 4 \times 10 + 2 \times 1 + 8 \times 0.1 + 9 \times 0.01$

1) \_\_\_\_\_  $9 \times 10000 + 6 \times 1000 + 2 \times 100 + 9 \times 0.1$

2) \_\_\_\_\_  $7 \times 1000 + 3 \times 100 + 3 \times 1 + 5 \times 0.1 + 3 \times 0.01$

3) \_\_\_\_\_  $8 \times 1000 + 6 \times 100 + 6 \times 10 + 1 \times 1 + 1 \times 0.1 + 8 \times 0.01$

4) \_\_\_\_\_  $7 \times 100 + 1 \times 10 + 4 \times 1 + 2 \times 0.1 + 2 \times 0.01$

5) \_\_\_\_\_  $1 \times 10000 + 5 \times 1000 + 9 \times 100 + 4 \times 10 + 2 \times 1 + 8 \times 0.1$

6) \_\_\_\_\_  $2 \times 1000 + 6 \times 100 + 9 \times 10 + 9 \times 1 + 1 \times 0.1 + 9 \times 0.01$

7) \_\_\_\_\_  $8 \times 10 + 3 \times 1 + 6 \times 0.1 + 9 \times 0.01 + 5 \times 0.001$

8) \_\_\_\_\_  $7 \times 1000 + 7 \times 100 + 8 \times 10 + 1 \times 1 + 5 \times 0.1 + 4 \times 0.01$

9) \_\_\_\_\_  $5 \times 10 + 5 \times 1 + 8 \times 0.1 + 7 \times 0.001$

10) \_\_\_\_\_  $4 \times 100 + 2 \times 10 + 1 \times 0.1 + 2 \times 0.01$



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Example:  $42.89 = 4 \times 10 + 2 \times 1 + 8 \times 0.1 + 9 \times 0.01$

1) 96,200.9  $9 \times 10000 + 6 \times 1000 + 2 \times 100 + 9 \times 0.1$

2) 7,303.53  $7 \times 1000 + 3 \times 100 + 3 \times 1 + 5 \times 0.1 + 3 \times 0.01$

3) 8,661.18  $8 \times 1000 + 6 \times 100 + 6 \times 10 + 1 \times 1 + 1 \times 0.1 + 8 \times 0.01$

4) 714.22  $7 \times 100 + 1 \times 10 + 4 \times 1 + 2 \times 0.1 + 2 \times 0.01$

5) 15,942.8  $1 \times 10000 + 5 \times 1000 + 9 \times 100 + 4 \times 10 + 2 \times 1 + 8 \times 0.1$

6) 2,699.19  $2 \times 1000 + 6 \times 100 + 9 \times 10 + 9 \times 1 + 1 \times 0.1 + 9 \times 0.01$

7) 83.695  $8 \times 10 + 3 \times 1 + 6 \times 0.1 + 9 \times 0.01 + 5 \times 0.001$

8) 7,781.54  $7 \times 1000 + 7 \times 100 + 8 \times 10 + 1 \times 1 + 5 \times 0.1 + 4 \times 0.01$

9) 55.807  $5 \times 10 + 5 \times 1 + 8 \times 0.1 + 7 \times 0.001$

10) 420.12  $4 \times 100 + 2 \times 10 + 1 \times 0.1 + 2 \times 0.01$