# Build decimal numbers

Grade 5 Place Value Worksheet

Write the decimal numbers.

Example:   42.89 = 4 x 10 + 2 x 1 + 8 x 0.1 + 9 x 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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1) __96,200.9__     9 × 10000 + 6 × 1000 + 2 × 100 + 9 × 0.1

2) __7,303.53__     7 × 1000 + 3 × 100 + 3 × 1 + 5 × 0.1 + 3 × 0.01

3) __8,661.18__     8 × 1000 + 6 × 100 + 6 × 10 + 1 × 1 + 1 × 0.1 + 8 × 0.01

4) __714.22__     7 × 100 + 1 × 10 + 4 × 1 + 2 × 0.1 + 2 × 0.01

5) __15,942.8__     1 × 10000 + 5 × 1000 + 9 × 100 + 4 × 10 + 2 × 1 + 8 × 0.1

6) __2,699.19__     2 × 1000 + 6 × 100 + 9 × 10 + 9 × 1 + 1 × 0.1 + 9 × 0.01

7) __83.695__     8 × 10 + 3 × 1 + 6 × 0.1 + 9 × 0.01 + 5 × 0.001

8) __7,781.54__     7 × 1000 + 7 × 100 + 8 × 10 + 1 × 1 + 5 × 0.1 + 4 × 0.01

9) __55.807__     5 × 10 + 5 × 1 + 8 × 0.1 + 7 × 0.001

10) __420.12__     4 × 100 + 2 × 10 + 1 × 0.1 + 2 × 0.01