



Decimal numbers from expanded notation

Grade 6 Place Value Worksheet

Write each number in normal form.

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

1) _____ $3 \times 1000 + 9 \times 10 + 6 \times 1 + 5 \times 0.1 + 7 \times 0.01$

2) _____ $6 \times 100 + 3 \times 10 + 9 \times 1 + 6 \times 0.1 + 6 \times 0.01 + 7 \times 0.001$

3) _____ $1 \times 10000 + 6 \times 1000 + 8 \times 100 + 1 \times 10 + 9 \times 1 + 6 \times 0.1$

4) _____ $1 \times 100 + 8 \times 10 + 3 \times 1 + 9 \times 0.1 + 7 \times 0.01 + 9 \times 0.001$

5) _____ $9 \times 10000 + 6 \times 1000 + 4 \times 100 + 7 \times 10 + 1 \times 1 + 5 \times 0.1$

6) _____ $6 \times 1000 + 3 \times 100 + 6 \times 1 + 4 \times 0.1 + 6 \times 0.01$

7) _____ $8 \times 100 + 9 \times 1 + 9 \times 0.1 + 5 \times 0.001$

8) _____ $5 \times 100 + 1 \times 10 + 7 \times 1 + 1 \times 0.1 + 3 \times 0.01 + 9 \times 0.001$

9) _____ $4 \times 10000 + 2 \times 1000 + 1 \times 100 + 9 \times 10 + 6 \times 1 + 5 \times 0.1$

10) _____ $6 \times 1000 + 8 \times 100 + 8 \times 10 + 6 \times 1 + 8 \times 0.1 + 4 \times 0.01$

11) _____ $4 \times 1000 + 1 \times 100 + 1 \times 10 + 5 \times 1 + 5 \times 0.1 + 7 \times 0.01$

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



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- 1) 3,096.57 $3 \times 1000 + 9 \times 10 + 6 \times 1 + 5 \times 0.1 + 7 \times 0.01$
- 2) 639.667 $6 \times 100 + 3 \times 10 + 9 \times 1 + 6 \times 0.1 + 6 \times 0.01 + 7 \times 0.001$
- 3) 16,819.6 $1 \times 10000 + 6 \times 1000 + 8 \times 100 + 1 \times 10 + 9 \times 1 + 6 \times 0.1$
- 4) 183.979 $1 \times 100 + 8 \times 10 + 3 \times 1 + 9 \times 0.1 + 7 \times 0.01 + 9 \times 0.001$
- 5) 96,471.5 $9 \times 10000 + 6 \times 1000 + 4 \times 100 + 7 \times 10 + 1 \times 1 + 5 \times 0.1$
- 6) 6,306.46 $6 \times 1000 + 3 \times 100 + 6 \times 1 + 4 \times 0.1 + 6 \times 0.01$
- 7) 809.905 $8 \times 100 + 9 \times 1 + 9 \times 0.1 + 5 \times 0.001$
- 8) 517.139 $5 \times 100 + 1 \times 10 + 7 \times 1 + 1 \times 0.1 + 3 \times 0.01 + 9 \times 0.001$
- 9) 42,196.5 $4 \times 10000 + 2 \times 1000 + 1 \times 100 + 9 \times 10 + 6 \times 1 + 5 \times 0.1$
- 10) 6,886.84 $6 \times 1000 + 8 \times 100 + 8 \times 10 + 6 \times 1 + 8 \times 0.1 + 4 \times 0.01$
- 11) 4,115.57 $4 \times 1000 + 1 \times 100 + 1 \times 10 + 5 \times 1 + 5 \times 0.1 + 7 \times 0.01$
- 12) 5,478.78 $5 \times 1000 + 4 \times 100 + 7 \times 10 + 8 \times 1 + 7 \times 0.1 + 8 \times 0.01$