

## 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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### 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) 3,096.57  $3 \times 1000 + 9 \times 10 + 6 \times 1 + 5 \times 0.1 + 7 \times 0.01$
- 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  $5 \times 1000 + 4 \times 100 + 7 \times 10 + 8 \times 1 + 7 \times 0.1 + 8 \times 0.01$