

Build numbers from parts (up to 9 digits)

Grade 6 Place Value Worksheet

Example: $724 = 7 \times 100 + 2 \times 10 + 4 \times 1$

Write the following numbers in normal form.

1. _____ $9 \times 1000 + 2 \times 100 + 3 \times 10 + 6 \times 1$

2. _____ $4 \times 10000000 + 7 \times 1000000 + 5 \times 100000 + 8 \times 10000 + 3 \times 1000 + 1 \times 100 + 3 \times 10 + 8 \times 1$

3. _____ $8 \times 1000000 + 3 \times 100000 + 5 \times 10000 + 8 \times 1000 + 6 \times 100 + 2 \times 10 + 7 \times 10 + 9 \times 1$

4. _____ $9 \times 100 + 2 \times 10$

5. _____ $1 \times 10000000 + 5 \times 1000000 + 4 \times 100000 + 2 \times 10000 + 9 \times 1000 + 1 \times 100 + 7 \times 10 + 5 \times 1$

6. _____ $4 \times 100 + 1 \times 10 + 6 \times 1$

7. _____ $8 \times 1000000 + 4 \times 100000 + 5 \times 10000 + 9 \times 1000 + 1 \times 100 + 5 \times 10 + 1 \times 10 + 4 \times 1$

8. _____ $5 \times 1000 + 3 \times 100 + 4 \times 10 + 1 \times 1$

9. _____ $1 \times 1000 + 8 \times 100 + 2 \times 10 + 1 \times 1$

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Example: $724 = 7 \times 100 + 2 \times 10 + 4 \times 1$

Write the following numbers in normal form.

- 9,236 $9 \times 1000 + 2 \times 100 + 3 \times 10 + 6 \times 1$
- 475,831,368 $4 \times 100000000 + 7 \times 10000000 + 5 \times 1000000 + 8 \times 100000 + 3 \times 10000 + 1 \times 1000 + 3 \times 100 + 6 \times 10 + 8 \times 1$
- 83,586,279 $8 \times 10000000 + 3 \times 1000000 + 5 \times 100000 + 8 \times 10000 + 6 \times 1000 + 2 \times 100 + 7 \times 10 + 9 \times 1$
- 920 $9 \times 100 + 2 \times 10$
- 154,290,175 $1 \times 100000000 + 5 \times 10000000 + 4 \times 1000000 + 2 \times 100000 + 9 \times 10000 + 1 \times 100 + 7 \times 10 + 5 \times 1$
- 416 $4 \times 100 + 1 \times 10 + 6 \times 1$
- 84,591,514 $8 \times 10000000 + 4 \times 1000000 + 5 \times 100000 + 9 \times 10000 + 1 \times 1000 + 5 \times 100 + 1 \times 10 + 4 \times 1$
- 53,041 $5 \times 10000 + 3 \times 1000 + 4 \times 10 + 1 \times 1$
- 18,021 $1 \times 10000 + 8 \times 1000 + 2 \times 10 + 1 \times 1$