

# Build number from its parts (up to 12 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. \_\_\_\_\_  $5 \times 10000000000 + 7 \times 1000000000 + 3 \times 100000000 + 8 \times 10000000 + 6 \times 1000000 + 2 \times 100000 + 1 \times 1000 + 9 \times 100 + 1 \times 10 + 6 \times 1$

2. \_\_\_\_\_  $1 \times 100 + 6 \times 10 + 4 \times 1$

3. \_\_\_\_\_  $4 \times 1$

4. \_\_\_\_\_  $7 \times 10000 + 8 \times 1000 + 4 \times 100 + 7 \times 10 + 3 \times 1$

5. \_\_\_\_\_  $2 \times 100 + 9 \times 10 + 5 \times 1$

6. \_\_\_\_\_  $2 \times 100000000000 + 1 \times 10000000000 + 8 \times 1000000000 + 7 \times 100000000 + 7 \times 10000000 + 2 \times 1000000 + 4 \times 100000 + 3 \times 10000 + 6 \times 1000 + 1 \times 100 + 7 \times 10 + 5 \times 1$

7. \_\_\_\_\_  $8 \times 100 + 2 \times 10 + 6 \times 1$

8. \_\_\_\_\_  $2 \times 100000000000 + 6 \times 10000000000 + 1 \times 1000000000 + 6 \times 100000000 + 3 \times 10000000 + 5 \times 1000000 + 8 \times 100000 + 7 \times 10000 + 3 \times 1000 + 3 \times 100 + 5 \times 10 + 6 \times 1$

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

Write the following numbers in normal form.

- 57,386,201,916  $5 \times 10000000000 + 7 \times 1000000000 + 3 \times 100000000 + 8 \times 10000000 + 6 \times 1000000 + 2 \times 100000 + 1 \times 1000 + 9 \times 100 + 1 \times 10 + 6 \times 1$
- 164  $1 \times 100 + 6 \times 10 + 4 \times 1$
- 4  $4 \times 1$
- 78,473  $7 \times 10000 + 8 \times 1000 + 4 \times 100 + 7 \times 10 + 3 \times 1$
- 295  $2 \times 100 + 9 \times 10 + 5 \times 1$
- 218,772,436,175  $2 \times 100000000000 + 1 \times 10000000000 + 8 \times 1000000000 + 7 \times 100000000 + 7 \times 10000000 + 2 \times 1000000 + 4 \times 100000 + 3 \times 10000 + 6 \times 1000 + 1 \times 100 + 7 \times 10 + 5 \times 1$
- 826  $8 \times 100 + 2 \times 10 + 6 \times 1$
- 261,635,873,356  $2 \times 100000000000 + 6 \times 10000000000 + 1 \times 1000000000 + 6 \times 100000000 + 3 \times 10000000 + 5 \times 1000000 + 8 \times 100000 + 7 \times 10000 + 3 \times 1000 + 3 \times 100 + 5 \times 10 + 6 \times 1$