Build numbers from parts (up to 9 digits)

Grade 6 Place Value Worksheet

Example: 724 = 7 x 100 + 2 x 10 + 4 x 1

Write the following numbers in normal form.

1. _____ $4 \times 1000 + 9 \times 100 + 2 \times 10 + 3 \times 1$

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

3. _____ $2 \times 1000 + 9 \times 100 + 8 \times 10 + 6 \times 1$

4. _____ $3 \times 1000 + 2 \times 100 + 5 \times 10 + 1 \times 1$

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

6. _____ $6 \times 10000000 + 8 \times 1000000 + 5 \times 100000 + 6 \times 10000 + 5 \times 1000 + 9 \times 100 + 1 \times 10 + 1 \times 1$

7. _____ $8 \times 1000 + 5 \times 100 + 9 \times 10 + 1 \times 1$

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

9. _____ $6 \times 10000 + 1 \times 1000 + 4 \times 100 + 4 \times 10 + 3 \times 1$

Build numbers from parts (up to 9 digits)

Example: 724 = 7 x 100 + 2 x 10 + 4 x 1

Write the following numbers in normal form.

1. 4,923 $4 \times 1000 + 9 \times 100 + 2 \times 10 + 3 \times 1$

2. 2,116,698 $2 \times 1000000 + 1 \times 100000 + 1 \times 10000 + 6 \times 1000 + 6 \times 100 + 9 \times 10 + 8 \times 1$

3. 2,986 $2 \times 1000 + 9 \times 100 + 8 \times 10 + 6 \times 1$

4. 3,251 $3 \times 1000 + 2 \times 100 + 5 \times 10 + 1 \times 1$

5. 9,182,133 $9 \times 1000000 + 1 \times 100000 + 8 \times 10000 + 2 \times 1000 + 1 \times 100 + 3 \times 10 + 3 \times 1$

6. 68,565,911 $6 \times 10000000 + 8 \times 1000000 + 5 \times 100000 + 6 \times 10000 + 5 \times 1000 + 9 \times 100 + 1 \times 10 + 1 \times 1$

7. 8,591 $8 \times 1000 + 5 \times 100 + 9 \times 10 + 1 \times 1$

8. 7,358,237 $7 \times 1000000 + 3 \times 100000 + 5 \times 10000 + 8 \times 1000 + 2 \times 100 + 3 \times 10 + 7 \times 1$

9. 61,443 $6 \times 10000 + 1 \times 1000 + 4 \times 100 + 4 \times 10 + 3 \times 1$