

Grade 3 Place Value Worksheet

## Expanded notation to normal form

Example:  $5,387 = 5 \times 1,000 + 3 \times 100 + 8 \times 10 + 7 \times 1$

Write each number in normal form

1.  $6 \times 100 + 3 \times 10 + 7 \times 1$
2.  $9 \times 1000 + 4 \times 100 + 1 \times 10 + 8 \times 1$
3.  $1 \times 1000 + 8 \times 100 + 2 \times 10 + 3 \times 1$
4.  $5 \times 100 + 4 \times 10 + 9 \times 1$
5.  $2 \times 1000 + 9 \times 100 + 6 \times 10 + 7 \times 1$
6.  $7 \times 1000 + 3 \times 100 + 5 \times 10 + 2 \times 1$
7.  $3 \times 1000 + 2 \times 100 + 9 \times 10 + 5 \times 1$
8.  $8 \times 100 + 1 \times 10 + 4 \times 1$
9.  $4 \times 100 + 3 \times 10 + 8 \times 1$



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## Expanded notation to normal form

Example:  $5,387 = 5 \times 1,000 + 3 \times 100 + 8 \times 10 + 7 \times 1$

Write each number in normal form

1.  $5 \times 100 + 2 \times 1$

2.  $7 \times 1000 + 2 \times 100 + 8 \times 10 + 4 \times 1$

3.  $6 \times 10 + 8 \times 1$

4.  $5 \times 1000 + 3 \times 100 + 9 \times 10 + 6 \times 1$

5.  $2 \times 10 + 6 \times 1$

6.  $4 \times 100 + 7 \times 10 + 2 \times 1$

7.  $2 \times 10 + 1 \times 1$

8.  $9 \times 1000 + 1 \times 100 + 4 \times 10 + 3 \times 1$

9.  $4 \times 10 + 3 \times 1$



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## Expanded notation to normal form

Example:  $5,387 = 5 \times 1,000 + 3 \times 100 + 8 \times 10 + 7 \times 1$

Write each number in normal form

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

2.  $7 \times 10 + 6 \times 1$

3.  $2 \times 1000 + 5 \times 100 + 7 \times 10 + 4 \times 1$

4.  $3 \times 100 + 6 \times 1$

5.  $8 \times 100 + 6 \times 10 + 5 \times 1$

6.  $2 \times 10 + 1 \times 1$

7.  $9 \times 1000 + 2 \times 100 + 1 \times 10 + 7 \times 1$

8.  $6 \times 10 + 8 \times 1$

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



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## Expanded notation to normal form

Example:  $5,387 = 5 \times 1,000 + 3 \times 100 + 8 \times 10 + 7 \times 1$

Write each number in normal form

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

2.  $8 \times 1000 + 5 \times 100 + 6 \times 10 + 2 \times 1$

3.  $5 \times 10 + 7 \times 1$

4.  $4 \times 1000 + 9 \times 100 + 7 \times 10 + 1 \times 1$

5.  $8 \times 10 + 6 \times 1$

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

7.  $2 \times 1000 + 7 \times 100 + 4 \times 10 + 6 \times 1$

8.  $9 \times 1000 + 6 \times 100 + 3 \times 10 + 5 \times 1$

9.  $1 \times 1000 + 4 \times 100 + 9 \times 10 + 8 \times 1$

