



Convert each number to expanded notation.

Ex) 499.23

$$4 \times 100 + 9 \times 10 + 9 + (2 \times \frac{1}{10}) + (3 \times \frac{1}{100})$$

\_\_\_\_\_

1) 54.6

\_\_\_\_\_

2) 98.88

\_\_\_\_\_

3) 724.87

\_\_\_\_\_

4) 16.662

\_\_\_\_\_

5) 72.626

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6) 423.835

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7) 66.14

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8) 772.69

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9) 57.8

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10) 9.1

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11) 3.198

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12) 428.1

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13) 53.181

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14) 1.5

\_\_\_\_\_

15) 45.364

\_\_\_\_\_



Convert each number to expanded notation.

Ex) 499.23

$$4 \times 100 + 9 \times 10 + 9 + (2 \times \frac{1}{10}) + (3 \times \frac{1}{100})$$

1) 54.6

$$5 \times 10 + 4 + (6 \times \frac{1}{10})$$

2) 98.88

$$9 \times 10 + 8 + (8 \times \frac{1}{10}) + (8 \times \frac{1}{100})$$

3) 724.87

$$7 \times 100 + 2 \times 10 + 4 + (8 \times \frac{1}{10}) + (7 \times \frac{1}{100})$$

4) 16.662

$$1 \times 10 + 6 + (6 \times \frac{1}{10}) + (6 \times \frac{1}{100}) + (2 \times \frac{1}{1000})$$

5) 72.626

$$7 \times 10 + 2 + (6 \times \frac{1}{10}) + (2 \times \frac{1}{100}) + (6 \times \frac{1}{1000})$$

6) 423.835

$$4 \times 100 + 2 \times 10 + 3 + (8 \times \frac{1}{10}) + (3 \times \frac{1}{100}) + (5 \times \frac{1}{1000})$$

7) 66.14

$$6 \times 10 + 6 + (1 \times \frac{1}{10}) + (4 \times \frac{1}{100})$$

8) 772.69

$$7 \times 100 + 7 \times 10 + 2 + (6 \times \frac{1}{10}) + (9 \times \frac{1}{100})$$

9) 57.8

$$5 \times 10 + 7 + (8 \times \frac{1}{10})$$

10) 9.1

$$9 + (1 \times \frac{1}{10})$$

11) 3.198

$$3 + (1 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (8 \times \frac{1}{1000})$$

12) 428.1

$$4 \times 100 + 2 \times 10 + 8 + (1 \times \frac{1}{10})$$

13) 53.181

$$5 \times 10 + 3 + (1 \times \frac{1}{10}) + (8 \times \frac{1}{100}) + (1 \times \frac{1}{1000})$$

14) 1.5

$$1 + (5 \times \frac{1}{10})$$

15) 45.364

$$4 \times 10 + 5 + (3 \times \frac{1}{10}) + (6 \times \frac{1}{100}) + (4 \times \frac{1}{1000})$$