



Convert each number to expanded notation.

Ex) 757.59

$$7 \times 100 + 5 \times 10 + 7 + (5 \times \frac{1}{10}) + (9 \times \frac{1}{100})$$

1) 211.618

2) 9.8

3) 3.32

4) 6.2

5) 833.419

6) 451.9

7) 3.38

8) 99.441

9) 898.95

10) 655.96

11) 2.98

12) 533.815

13) 13.32

14) 81.17

15) 3.581

**Convert each number to expanded notation.**

Ex) 757.59

$$7 \times 100 + 5 \times 10 + 7 + (5 \times \frac{1}{10}) + (9 \times \frac{1}{100})$$

1) 211.618

$$2 \times 100 + 1 \times 10 + 1 + (6 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (8 \times \frac{1}{1000})$$

2) 9.8

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

3) 3.32

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

4) 6.2

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

5) 833.419

$$8 \times 100 + 3 \times 10 + 3 + (4 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (9 \times \frac{1}{1000})$$

6) 451.9

$$4 \times 100 + 5 \times 10 + 1 + (9 \times \frac{1}{10})$$

7) 3.38

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

8) 99.441

$$9 \times 10 + 9 + (4 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (1 \times \frac{1}{1000})$$

9) 898.95

$$8 \times 100 + 9 \times 10 + 8 + (9 \times \frac{1}{10}) + (5 \times \frac{1}{100})$$

10) 655.96

$$6 \times 100 + 5 \times 10 + 5 + (9 \times \frac{1}{10}) + (6 \times \frac{1}{100})$$

11) 2.98

$$2 + (9 \times \frac{1}{10}) + (8 \times \frac{1}{100})$$

12) 533.815

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

13) 13.32

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

14) 81.17

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

15) 3.581

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