



Convert each number to expanded notation.

Ex) 519.33

$$5 \times 100 + 1 \times 10 + 9 + (3 \times \frac{1}{10}) + (3 \times \frac{1}{100})$$

1) 9.48

2) 672.85

3) 4.51

4) 617.47

5) 8.115

6) 2.7

7) 3.317

8) 9.43

9) 9.2

10) 1.789

11) 33.724

12) 72.897

13) 1.1

14) 156.293

15) 299.243

**Convert each number to expanded notation.**

Ex) 519.33

$$5 \times 100 + 1 \times 10 + 9 + (3 \times \frac{1}{10}) + (3 \times \frac{1}{100})$$

1) 9.48

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

2) 672.85

$$6 \times 100 + 7 \times 10 + 2 + (8 \times \frac{1}{10}) + (5 \times \frac{1}{100})$$

3) 4.51

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

4) 617.47

$$6 \times 100 + 1 \times 10 + 7 + (4 \times \frac{1}{10}) + (7 \times \frac{1}{100})$$

5) 8.115

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

6) 2.7

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

7) 3.317

$$3 + (3 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (7 \times \frac{1}{1000})$$

8) 9.43

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

9) 9.2

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

10) 1.789

$$1 + (7 \times \frac{1}{10}) + (8 \times \frac{1}{100}) + (9 \times \frac{1}{1000})$$

11) 33.724

$$3 \times 10 + 3 + (7 \times \frac{1}{10}) + (2 \times \frac{1}{100}) + (4 \times \frac{1}{1000})$$

12) 72.897

$$7 \times 10 + 2 + (8 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (7 \times \frac{1}{1000})$$

13) 1.1

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

14) 156.293

$$1 \times 100 + 5 \times 10 + 6 + (2 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (3 \times \frac{1}{1000})$$

15) 299.243

$$2 \times 100 + 9 \times 10 + 9 + (2 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (3 \times \frac{1}{1000})$$