



Convert each number to expanded notation.

Ex) 973.5

$$9 \times 100 + 7 \times 10 + 3 + (5 \times \frac{1}{10})$$

1) 29.166

2) 18.43

3) 8.598

4) 5.498

5) 67.4

6) 163.761

7) 6.1

8) 91.193

9) 193.4

10) 747.353

11) 56.99

12) 83.597

13) 7.7

14) 23.35

15) 98.668

**Convert each number to expanded notation.**

Ex) 973.5

$$9 \times 100 + 7 \times 10 + 3 + (5 \times \frac{1}{10})$$

1) 29.166

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

2) 18.43

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

3) 8.598

$$8 + (5 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (8 \times \frac{1}{1000})$$

4) 5.498

$$5 + (4 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (8 \times \frac{1}{1000})$$

5) 67.4

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

6) 163.761

$$1 \times 100 + 6 \times 10 + 3 + (7 \times \frac{1}{10}) + (6 \times \frac{1}{100}) + (1 \times \frac{1}{1000})$$

7) 6.1

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

8) 91.193

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

9) 193.4

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

10) 747.353

$$7 \times 100 + 4 \times 10 + 7 + (3 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (3 \times \frac{1}{1000})$$

11) 56.99

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

12) 83.597

$$8 \times 10 + 3 + (5 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (7 \times \frac{1}{1000})$$

13) 7.7

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

14) 23.35

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

15) 98.668

$$9 \times 10 + 8 + (6 \times \frac{1}{10}) + (6 \times \frac{1}{100}) + (8 \times \frac{1}{1000})$$