



Convert each number to expanded notation.

Ex) 3.642

$$3 + (6 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (2 \times \frac{1}{1000})$$

1) 23.7

2) 2.178

3) 3.792

4) 11.261

5) 297.97

6) 319.8

7) 6.74

8) 27.4

9) 83.87

10) 332.148

11) 6.732

12) 375.15

13) 1.72

14) 113.8

15) 1.46

**Convert each number to expanded notation.**

Ex) 3.642

$$3 + (6 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (2 \times \frac{1}{1000})$$

1) 23.7

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

2) 2.178

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

3) 3.792

$$3 + (7 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (2 \times \frac{1}{1000})$$

4) 11.261

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

5) 297.97

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

6) 319.8

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

7) 6.74

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

8) 27.4

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

9) 83.87

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

10) 332.148

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

11) 6.732

$$6 + (7 \times \frac{1}{10}) + (3 \times \frac{1}{100}) + (2 \times \frac{1}{1000})$$

12) 375.15

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

13) 1.72

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

14) 113.8

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

15) 1.46

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