



Convert each number to expanded notation.

Ex) 252.33

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

1) 227.98

2) 328.1

3) 15.75

4) 741.38

5) 7.847

6) 94.95

7) 76.2

8) 185.855

9) 2.92

10) 88.41

11) 631.1

12) 63.6

13) 319.723

14) 19.8

15) 52.1

**Convert each number to expanded notation.**

Ex) 252.33

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

1) 227.98

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

2) 328.1

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

3) 15.75

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

4) 741.38

$$7 \times 100 + 4 \times 10 + 1 + (3 \times \frac{1}{10}) + (8 \times \frac{1}{100})$$

5) 7.847

$$7 + (8 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (7 \times \frac{1}{1000})$$

6) 94.95

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

7) 76.2

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

8) 185.855

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

9) 2.92

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

10) 88.41

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

11) 631.1

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

12) 63.6

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

13) 319.723

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

14) 19.8

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

15) 52.1

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