



Convert each number to expanded notation.

Ex) 86.9

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

1) 6.19

2) 34.997

3) 1.97

4) 417.83

5) 4.2

6) 77.949

7) 625.4

8) 769.7

9) 1.74

10) 5.13

11) 297.867

12) 16.974

13) 43.13

14) 261.53

15) 793.8



Convert each number to expanded notation.

Ex) 86.9

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

1) 6.19

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

2) 34.997

$$3 \times 10 + 4 + (9 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (7 \times \frac{1}{1000})$$

3) 1.97

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

4) 417.83

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

5) 4.2

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

6) 77.949

$$7 \times 10 + 7 + (9 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (9 \times \frac{1}{1000})$$

7) 625.4

$$6 \times 100 + 2 \times 10 + 5 + (4 \times \frac{1}{10})$$

8) 769.7

$$7 \times 100 + 6 \times 10 + 9 + (7 \times \frac{1}{10})$$

9) 1.74

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

10) 5.13

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

11) 297.867

$$2 \times 100 + 9 \times 10 + 7 + (8 \times \frac{1}{10}) + (6 \times \frac{1}{100}) + (7 \times \frac{1}{1000})$$

12) 16.974

$$1 \times 10 + 6 + (9 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (4 \times \frac{1}{1000})$$

13) 43.13

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

14) 261.53

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

15) 793.8

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