



Convert each number to expanded notation.

Ex) 53.193

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

1) 93.365

2) 16.146

3) 43.97

4) 696.958

5) 3.312

6) 77.42

7) 367.54

8) 71.786

9) 38.11

10) 99.4

11) 64.15

12) 85.861

13) 36.6

14) 3.49

15) 515.85

**Convert each number to expanded notation.**

Ex) 53.193

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

1) 93.365

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

2) 16.146

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

3) 43.97

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

4) 696.958

$$6 \times 100 + 9 \times 10 + 6 + (9 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (8 \times \frac{1}{1000})$$

5) 3.312

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

6) 77.42

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

7) 367.54

$$3 \times 100 + 6 \times 10 + 7 + (5 \times \frac{1}{10}) + (4 \times \frac{1}{100})$$

8) 71.786

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

9) 38.11

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

10) 99.4

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

11) 64.15

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

12) 85.861

$$8 \times 10 + 5 + (8 \times \frac{1}{10}) + (6 \times \frac{1}{100}) + (1 \times \frac{1}{1000})$$

13) 36.6

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

14) 3.49

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

15) 515.85

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