



Convert each number to expanded notation.

Ex) 5.5

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

1) 84.662

2) 16.7

3) 757.54

4) 238.9

5) 441.3

6) 327.3

7) 37.6

8) 252.51

9) 12.819

10) 957.2

11) 863.62

12) 9.754

13) 391.44

14) 47.817

15) 118.18



Convert each number to expanded notation.

Ex) 5.5

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

1) 84.662

$$8 \times 10 + 4 + (6 \times \frac{1}{10}) + (6 \times \frac{1}{100}) + (2 \times \frac{1}{1000})$$

2) 16.7

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

3) 757.54

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

4) 238.9

$$2 \times 100 + 3 \times 10 + 8 + (9 \times \frac{1}{10})$$

5) 441.3

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

6) 327.3

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

7) 37.6

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

8) 252.51

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

9) 12.819

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

10) 957.2

$$9 \times 100 + 5 \times 10 + 7 + (2 \times \frac{1}{10})$$

11) 863.62

$$8 \times 100 + 6 \times 10 + 3 + (6 \times \frac{1}{10}) + (2 \times \frac{1}{100})$$

12) 9.754

$$9 + (7 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (4 \times \frac{1}{1000})$$

13) 391.44

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

14) 47.817

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

15) 118.18

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