



Convert each number to expanded notation.

Ex) 948.4

$$9 \times 100 + 4 \times 10 + 8 + (4 \times \frac{1}{10})$$

1) 9.192

2) 5.95

3) 471.11

4) 933.81

5) 426.61

6) 1.743

7) 3.16

8) 6.34

9) 47.2

10) 5.46

11) 67.19

12) 9.954

13) 3.3

14) 3.77

15) 299.7

**Convert each number to expanded notation.**

Ex) 948.4

$$9 \times 100 + 4 \times 10 + 8 + (4 \times \frac{1}{10})$$

1) 9.192

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

2) 5.95

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

3) 471.11

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

4) 933.81

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

5) 426.61

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

6) 1.743

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

7) 3.16

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

8) 6.34

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

9) 47.2

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

10) 5.46

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

11) 67.19

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

12) 9.954

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

13) 3.3

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

14) 3.77

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

15) 299.7

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