



Convert each number to expanded form.

Ex) 473.8

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

1) 38.15

2) 251.7

3) 481.449

4) 9.4

5) 7.9

6) 359.6

7) 639.889

8) 8.812

9) 259.4

10) 2.5

11) 194.74

12) 396.856

13) 343.353

14) 4.3

15) 66.3

16) 3.24

17) 682.888

18) 3.7

19) 9.71

20) 17.67



Convert each number to expanded form.

Ex) 473.8

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

1) 38.15

$$3 \times 10 + 8 + (1 \times \frac{1}{10}) + (5 \times \frac{1}{100})$$

2) 251.7

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

3) 481.449

$$4 \times 100 + 8 \times 10 + 1 + (4 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (9 \times \frac{1}{1000})$$

4) 9.4

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

5) 7.9

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

6) 359.6

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

7) 639.889

$$6 \times 100 + 3 \times 10 + 9 + (8 \times \frac{1}{10}) + (8 \times \frac{1}{100}) + (9 \times \frac{1}{1000})$$

8) 8.812

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

9) 259.4

$$2 \times 100 + 5 \times 10 + 9 + (4 \times \frac{1}{10})$$

10) 2.5

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

11) 194.74

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

12) 396.856

$$3 \times 100 + 9 \times 10 + 6 + (8 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (6 \times \frac{1}{1000})$$

13) 343.353

$$3 \times 100 + 4 \times 10 + 3 + (3 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (3 \times \frac{1}{1000})$$

14) 4.3

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

15) 66.3

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

16) 3.24

$$3 + (2 \times \frac{1}{10}) + (4 \times \frac{1}{100})$$

17) 682.888

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

18) 3.7

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

19) 9.71

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

20) 17.67

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