



Convert each number to expanded form.

Ex) 65.8

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

1) 6.184

2) 35.6

3) 2.455

4) 64.6

5) 6.3

6) 88.125

7) 3.5

8) 145.8

9) 82.81

10) 117.833

11) 82.777

12) 16.211

13) 91.86

14) 4.322

15) 553.679

16) 6.66

17) 436.9

18) 762.319

19) 85.8

20) 19.177



Convert each number to expanded form.

Ex) 65.8

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

1) 6.184

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

2) 35.6

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

3) 2.455

$$2 + (4 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (5 \times \frac{1}{1000})$$

4) 64.6

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

5) 6.3

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

6) 88.125

$$8 \times 10 + 8 + (1 \times \frac{1}{10}) + (2 \times \frac{1}{100}) + (5 \times \frac{1}{1000})$$

7) 3.5

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

8) 145.8

$$1 \times 100 + 4 \times 10 + 5 + (8 \times \frac{1}{10})$$

9) 82.81

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

10) 117.833

$$1 \times 100 + 1 \times 10 + 7 + (8 \times \frac{1}{10}) + (3 \times \frac{1}{100}) + (3 \times \frac{1}{1000})$$

11) 82.777

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

12) 16.211

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

13) 91.86

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

14) 4.322

$$4 + (3 \times \frac{1}{10}) + (2 \times \frac{1}{100}) + (2 \times \frac{1}{1000})$$

15) 553.679

$$5 \times 100 + 5 \times 10 + 3 + (6 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (9 \times \frac{1}{1000})$$

16) 6.66

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

17) 436.9

$$4 \times 100 + 3 \times 10 + 6 + (9 \times \frac{1}{10})$$

18) 762.319

$$7 \times 100 + 6 \times 10 + 2 + (3 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (9 \times \frac{1}{1000})$$

19) 85.8

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

20) 19.177

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