



Convert each number to expanded form.

Ex) 13.414

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

1) 68.4

2) 17.153

3) 144.819

4) 89.773

5) 464.784

6) 243.43

7) 146.429

8) 995.4

9) 648.857

10) 63.2

11) 11.44

12) 267.28

13) 8.1

14) 87.371

15) 1.323

16) 742.632

17) 247.74

18) 69.7

19) 19.421

20) 139.9



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Ex) 13.414

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

1) 68.4

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

2) 17.153

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

3) 144.819

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

4) 89.773

$$8 \times 10 + 9 + (7 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (3 \times \frac{1}{1000})$$

5) 464.784

$$4 \times 100 + 6 \times 10 + 4 + (7 \times \frac{1}{10}) + (8 \times \frac{1}{100}) + (4 \times \frac{1}{1000})$$

6) 243.43

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

7) 146.429

$$1 \times 100 + 4 \times 10 + 6 + (4 \times \frac{1}{10}) + (2 \times \frac{1}{100}) + (9 \times \frac{1}{1000})$$

8) 995.4

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

9) 648.857

$$6 \times 100 + 4 \times 10 + 8 + (8 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (7 \times \frac{1}{1000})$$

10) 63.2

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

11) 11.44

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

12) 267.28

$$2 \times 100 + 6 \times 10 + 7 + (2 \times \frac{1}{10}) + (8 \times \frac{1}{100})$$

13) 8.1

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

14) 87.371

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

15) 1.323

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

16) 742.632

$$7 \times 100 + 4 \times 10 + 2 + (6 \times \frac{1}{10}) + (3 \times \frac{1}{100}) + (2 \times \frac{1}{1000})$$

17) 247.74

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

18) 69.7

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

19) 19.421

$$1 \times 10 + 9 + (4 \times \frac{1}{10}) + (2 \times \frac{1}{100}) + (1 \times \frac{1}{1000})$$

20) 139.9

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