



Convert each number to expanded form.

Ex) 973.5

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

1) 29.166

2) 18.43

3) 8.598

4) 5.498

5) 67.4

6) 163.761

7) 6.1

8) 91.193

9) 193.4

10) 747.353

11) 56.99

12) 83.597

13) 7.7

14) 23.35

15) 98.668

16) 9.81

17) 866.7

18) 235.72

19) 9.892

20) 22.11



Convert each number to expanded form.

- Ex) 973.5 $9 \times 100 + 7 \times 10 + 3 + (5 \times \frac{1}{10})$

- 1) 29.166 $2 \times 10 + 9 + (1 \times \frac{1}{10}) + (6 \times \frac{1}{100}) + (6 \times \frac{1}{1000})$

- 2) 18.43 $1 \times 10 + 8 + (4 \times \frac{1}{10}) + (3 \times \frac{1}{100})$

- 3) 8.598 $8 + (5 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (8 \times \frac{1}{1000})$

- 4) 5.498 $5 + (4 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (8 \times \frac{1}{1000})$

- 5) 67.4 $6 \times 10 + 7 + (4 \times \frac{1}{10})$

- 6) 163.761 $1 \times 100 + 6 \times 10 + 3 + (7 \times \frac{1}{10}) + (6 \times \frac{1}{100}) + (1 \times \frac{1}{1000})$

- 7) 6.1 $6 + (1 \times \frac{1}{10})$

- 8) 91.193 $9 \times 10 + 1 + (1 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (3 \times \frac{1}{1000})$

- 9) 193.4 $1 \times 100 + 9 \times 10 + 3 + (4 \times \frac{1}{10})$

- 10) 747.353 $7 \times 100 + 4 \times 10 + 7 + (3 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (3 \times \frac{1}{1000})$

- 11) 56.99 $5 \times 10 + 6 + (9 \times \frac{1}{10}) + (9 \times \frac{1}{100})$

- 12) 83.597 $8 \times 10 + 3 + (5 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (7 \times \frac{1}{1000})$

- 13) 7.7 $7 + (7 \times \frac{1}{10})$

- 14) 23.35 $2 \times 10 + 3 + (3 \times \frac{1}{10}) + (5 \times \frac{1}{100})$

- 15) 98.668 $9 \times 10 + 8 + (6 \times \frac{1}{10}) + (6 \times \frac{1}{100}) + (8 \times \frac{1}{1000})$

- 16) 9.81 $9 + (8 \times \frac{1}{10}) + (1 \times \frac{1}{100})$

- 17) 866.7 $8 \times 100 + 6 \times 10 + 6 + (7 \times \frac{1}{10})$

- 18) 235.72 $2 \times 100 + 3 \times 10 + 5 + (7 \times \frac{1}{10}) + (2 \times \frac{1}{100})$

- 19) 9.892 $9 + (8 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (2 \times \frac{1}{1000})$

- 20) 22.11 $2 \times 10 + 2 + (1 \times \frac{1}{10}) + (1 \times \frac{1}{100})$



Convert each number to expanded form.

Ex) 79.527

$$7 \times 10 + 9 + (5 \times \frac{1}{10}) + (2 \times \frac{1}{100}) + (7 \times \frac{1}{1000})$$

1) 41.8

2) 3.841

3) 314.839

4) 83.547

5) 6.34

6) 598.241

7) 1.22

8) 356.674

9) 24.628

10) 13.587

11) 7.9

12) 68.53

13) 63.1

14) 1.39

15) 13.6

16) 3.78

17) 72.348

18) 64.432

19) 69.151

20) 652.72



Convert each number to expanded form.

Ex) 79.527

$$7 \times 10 + 9 + (5 \times \frac{1}{10}) + (2 \times \frac{1}{100}) + (7 \times \frac{1}{1000})$$

1) 41.8

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

2) 3.841

$$3 + (8 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (1 \times \frac{1}{1000})$$

3) 314.839

$$3 \times 100 + 1 \times 10 + 4 + (8 \times \frac{1}{10}) + (3 \times \frac{1}{100}) + (9 \times \frac{1}{1000})$$

4) 83.547

$$8 \times 10 + 3 + (5 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (7 \times \frac{1}{1000})$$

5) 6.34

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

6) 598.241

$$5 \times 100 + 9 \times 10 + 8 + (2 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (1 \times \frac{1}{1000})$$

7) 1.22

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

8) 356.674

$$3 \times 100 + 5 \times 10 + 6 + (6 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (4 \times \frac{1}{1000})$$

9) 24.628

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

10) 13.587

$$1 \times 10 + 3 + (5 \times \frac{1}{10}) + (8 \times \frac{1}{100}) + (7 \times \frac{1}{1000})$$

11) 7.9

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

12) 68.53

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

13) 63.1

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

14) 1.39

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

15) 13.6

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

16) 3.78

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

17) 72.348

$$7 \times 10 + 2 + (3 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (8 \times \frac{1}{1000})$$

18) 64.432

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

19) 69.151

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

20) 652.72

$$6 \times 100 + 5 \times 10 + 2 + (7 \times \frac{1}{10}) + (2 \times \frac{1}{100})$$



Convert each number to expanded form.

Ex) 41.78

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

1) 96.866

2) 2.71

3) 25.9

4) 934.7

5) 224.72

6) 47.4

7) 53.946

8) 95.96

9) 5.96

10) 283.4

11) 446.784

12) 637.17

13) 4.7

14) 73.7

15) 76.11

16) 438.893

17) 839.616

18) 7.917

19) 67.81

20) 6.58



Convert each number to expanded form.

Ex) 41.78

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

1) 96.866

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

2) 2.71

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

3) 25.9

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

4) 934.7

$$9 \times 100 + 3 \times 10 + 4 + (7 \times \frac{1}{10})$$

5) 224.72

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

6) 47.4

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

7) 53.946

$$5 \times 10 + 3 + (9 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (6 \times \frac{1}{1000})$$

8) 95.96

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

9) 5.96

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

10) 283.4

$$2 \times 100 + 8 \times 10 + 3 + (4 \times \frac{1}{10})$$

11) 446.784

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

12) 637.17

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

13) 4.7

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

14) 73.7

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

15) 76.11

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

16) 438.893

$$4 \times 100 + 3 \times 10 + 8 + (8 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (3 \times \frac{1}{1000})$$

17) 839.616

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

18) 7.917

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

19) 67.81

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

20) 6.58

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



Convert each number to expanded form.

Ex) 7.9

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

1) 147.5

2) 3.81

3) 4.2

4) 19.32

5) 56.7

6) 42.88

7) 7.3

8) 644.9

9) 38.5

10) 985.51

11) 2.191

12) 37.35

13) 287.6

14) 43.185

15) 4.54

16) 5.8

17) 15.2

18) 671.48

19) 84.7

20) 74.36



Convert each number to expanded form.

Ex) 7.9

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

1) 147.5

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

2) 3.81

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

3) 4.2

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

4) 19.32

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

5) 56.7

$$5\times 10+6+(7\times\frac{1}{10})$$

6) 42.88

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

7) 7.3

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

8) 644.9

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

9) 38.5

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

10) 985.51

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

11) 2.191

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

12) 37.35

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

13) 287.6

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

14) 43.185

$$4\times 10+3+(1\times\frac{1}{10})+(8\times\frac{1}{100})+(5\times\frac{1}{1000})$$

15) 4.54

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

16) 5.8

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

17) 15.2

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

18) 671.48

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

19) 84.7

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

20) 74.36

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



Convert each number to expanded form.

Ex) 564.756

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

1) 63.953

2) 741.613

3) 344.3

4) 7.38

5) 327.144

6) 5.8

7) 18.6

8) 855.861

9) 4.91

10) 332.947

11) 927.9

12) 984.465

13) 29.1

14) 6.1

15) 4.39

16) 522.2

17) 8.4

18) 5.22

19) 85.55

20) 919.691



Convert each number to expanded form.

Ex) 564.756

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

1) 63.953

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

2) 741.613

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

3) 344.3

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

4) 7.38

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

5) 327.144

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

6) 5.8

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

7) 18.6

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

8) 855.861

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

9) 4.91

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

10) 332.947

$$3 \times 100 + 3 \times 10 + 2 + (9 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (7 \times \frac{1}{1000})$$

11) 927.9

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

12) 984.465

$$9 \times 100 + 8 \times 10 + 4 + (4 \times \frac{1}{10}) + (6 \times \frac{1}{100}) + (5 \times \frac{1}{1000})$$

13) 29.1

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

14) 6.1

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

15) 4.39

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

16) 522.2

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

17) 8.4

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

18) 5.22

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

19) 85.55

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

20) 919.691

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



Convert each number to expanded form.

Ex) 499.23

$$4 \times 100 + 9 \times 10 + 9 + (2 \times \frac{1}{10}) + (3 \times \frac{1}{100})$$

1) 54.6

2) 98.88

3) 724.87

4) 16.662

5) 72.626

6) 423.835

7) 66.14

8) 772.69

9) 57.8

10) 9.1

11) 3.198

12) 428.1

13) 53.181

14) 1.5

15) 45.364

16) 564.1

17) 1.8

18) 19.6

19) 5.52

20) 11.332



Convert each number to expanded form.

Ex) 499.23

$$4 \times 100 + 9 \times 10 + 9 + (2 \times \frac{1}{10}) + (3 \times \frac{1}{100})$$

1) 54.6

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

2) 98.88

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

3) 724.87

$$7 \times 100 + 2 \times 10 + 4 + (8 \times \frac{1}{10}) + (7 \times \frac{1}{100})$$

4) 16.662

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

5) 72.626

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

6) 423.835

$$4 \times 100 + 2 \times 10 + 3 + (8 \times \frac{1}{10}) + (3 \times \frac{1}{100}) + (5 \times \frac{1}{1000})$$

7) 66.14

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

8) 772.69

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

9) 57.8

$$5 \times 10 + 7 + (8 \times \frac{1}{10})$$

10) 9.1

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

11) 3.198

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

12) 428.1

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

13) 53.181

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

14) 1.5

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

15) 45.364

$$4 \times 10 + 5 + (3 \times \frac{1}{10}) + (6 \times \frac{1}{100}) + (4 \times \frac{1}{1000})$$

16) 564.1

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

17) 1.8

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

18) 19.6

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

19) 5.52

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

20) 11.332

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



Convert each number to expanded form.

Ex) 252.33

$$2 \times 100 + 5 \times 10 + 2 + (3 \times \frac{1}{10}) + (3 \times \frac{1}{100})$$

1) 227.98

2) 328.1

3) 15.75

4) 741.38

5) 7.847

6) 94.95

7) 76.2

8) 185.855

9) 2.92

10) 88.41

11) 631.1

12) 63.6

13) 319.723

14) 19.8

15) 52.1

16) 7.2

17) 26.95

18) 85.42

19) 9.356

20) 356.3



Convert each number to expanded form.

Ex) 252.33

$$2 \times 100 + 5 \times 10 + 2 + (3 \times \frac{1}{10}) + (3 \times \frac{1}{100})$$

1) 227.98

$$2 \times 100 + 2 \times 10 + 7 + (9 \times \frac{1}{10}) + (8 \times \frac{1}{100})$$

2) 328.1

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

3) 15.75

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

4) 741.38

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

5) 7.847

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

6) 94.95

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

7) 76.2

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

8) 185.855

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

9) 2.92

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

10) 88.41

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

11) 631.1

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

12) 63.6

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

13) 319.723

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

14) 19.8

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

15) 52.1

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

16) 7.2

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

17) 26.95

$$2 \times 10 + 6 + (9 \times \frac{1}{10}) + (5 \times \frac{1}{100})$$

18) 85.42

$$8 \times 10 + 5 + (4 \times \frac{1}{10}) + (2 \times \frac{1}{100})$$

19) 9.356

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

20) 356.3

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



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

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



Convert each number to expanded form.

Ex) 926.99

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

1) 7.4

2) 83.81

3) 2.419

4) 1.74

5) 211.5

6) 7.287

7) 812.3

8) 91.16

9) 83.783

10) 57.584

11) 42.91

12) 86.547

13) 4.5

14) 665.2

15) 5.445

16) 58.218

17) 257.95

18) 48.64

19) 2.2

20) 633.3



Convert each number to expanded form.

Ex) 926.99

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

1) 7.4

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

2) 83.81

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

3) 2.419

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

4) 1.74

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

5) 211.5

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

6) 7.287

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

7) 812.3

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

8) 91.16

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

9) 83.783

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

10) 57.584

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

11) 42.91

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

12) 86.547

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

13) 4.5

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

14) 665.2

$$6 \times 100 + 6 \times 10 + 5 + (2 \times \frac{1}{10})$$

15) 5.445

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

16) 58.218

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

17) 257.95

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

18) 48.64

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

19) 2.2

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

20) 633.3

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

**Convert each number to expanded form.**

Ex) 519.33

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

1) 9.48

2) 672.85

3) 4.51

4) 617.47

5) 8.115

6) 2.7

7) 3.317

8) 9.43

9) 9.2

10) 1.789

11) 33.724

12) 72.897

13) 1.1

14) 156.293

15) 299.243

16) 82.62

17) 17.67

18) 539.392

19) 1.86

20) 7.695



Convert each number to expanded form.

Ex) 519.33

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

1) 9.48

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

2) 672.85

$$6 \times 100 + 7 \times 10 + 2 + (8 \times \frac{1}{10}) + (5 \times \frac{1}{100})$$

3) 4.51

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

4) 617.47

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

5) 8.115

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

6) 2.7

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

7) 3.317

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

8) 9.43

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

9) 9.2

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

10) 1.789

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

11) 33.724

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

12) 72.897

$$7 \times 10 + 2 + (8 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (7 \times \frac{1}{1000})$$

13) 1.1

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

14) 156.293

$$1 \times 100 + 5 \times 10 + 6 + (2 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (3 \times \frac{1}{1000})$$

15) 299.243

$$2 \times 100 + 9 \times 10 + 9 + (2 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (3 \times \frac{1}{1000})$$

16) 82.62

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

17) 17.67

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

18) 539.392

$$5 \times 100 + 3 \times 10 + 9 + (3 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (2 \times \frac{1}{1000})$$

19) 1.86

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

20) 7.695

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