



Convert each number to expanded notation.

Ex) 61.6

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

1) 842.953

2) 2.3

3) 535.9

4) 355.536

5) 54.536

6) 1.2

7) 698.93

8) 28.234

9) 736.895

10) 71.861

11) 886.824

12) 17.2

13) 269.117

14) 686.433

15) 5.5

**Convert each number to expanded notation.**

Ex) 61.6

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

1) 842.953

$$8 \times 100 + 4 \times 10 + 2 + (9 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (3 \times \frac{1}{1000})$$

2) 2.3

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

3) 535.9

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

4) 355.536

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

5) 54.536

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

6) 1.2

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

7) 698.93

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

8) 28.234

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

9) 736.895

$$7 \times 100 + 3 \times 10 + 6 + (8 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (5 \times \frac{1}{1000})$$

10) 71.861

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

11) 886.824

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

12) 17.2

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

13) 269.117

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

14) 686.433

$$6 \times 100 + 8 \times 10 + 6 + (4 \times \frac{1}{10}) + (3 \times \frac{1}{100}) + (3 \times \frac{1}{1000})$$

15) 5.5

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