

**Convert each number to expanded notation.****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

**Convert each number to expanded notation.**

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

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