

**Convert each number to expanded notation.**Ex) 23.297  $2 \times 10 + 3 + (2 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (7 \times \frac{1}{1000})$ 

1) 82.5 \_\_\_\_\_

2) 29.1 \_\_\_\_\_

3) 3.2 \_\_\_\_\_

4) 5.51 \_\_\_\_\_

5) 2.42 \_\_\_\_\_

6) 9.68 \_\_\_\_\_

7) 145.7 \_\_\_\_\_

8) 7.96 \_\_\_\_\_

9) 83.9 \_\_\_\_\_

10) 136.446 \_\_\_\_\_

11) 46.23 \_\_\_\_\_

12) 73.385 \_\_\_\_\_

13) 467.163 \_\_\_\_\_

14) 84.265 \_\_\_\_\_

15) 261.2 \_\_\_\_\_



Convert each number to expanded notation.

Ex) 23.297  $2 \times 10 + 3 + (2 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (7 \times \frac{1}{1000})$

1) 82.5  $8 \times 10 + 2 + (5 \times \frac{1}{10})$

2) 29.1  $2 \times 10 + 9 + (1 \times \frac{1}{10})$

3) 3.2  $3 + (2 \times \frac{1}{10})$

4) 5.51  $5 + (5 \times \frac{1}{10}) + (1 \times \frac{1}{100})$

5) 2.42  $2 + (4 \times \frac{1}{10}) + (2 \times \frac{1}{100})$

6) 9.68  $9 + (6 \times \frac{1}{10}) + (8 \times \frac{1}{100})$

7) 145.7  $1 \times 100 + 4 \times 10 + 5 + (7 \times \frac{1}{10})$

8) 7.96  $7 + (9 \times \frac{1}{10}) + (6 \times \frac{1}{100})$

9) 83.9  $8 \times 10 + 3 + (9 \times \frac{1}{10})$

10) 136.446  $1 \times 100 + 3 \times 10 + 6 + (4 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (6 \times \frac{1}{1000})$

11) 46.23  $4 \times 10 + 6 + (2 \times \frac{1}{10}) + (3 \times \frac{1}{100})$

12) 73.385  $7 \times 10 + 3 + (3 \times \frac{1}{10}) + (8 \times \frac{1}{100}) + (5 \times \frac{1}{1000})$

13) 467.163  $4 \times 100 + 6 \times 10 + 7 + (1 \times \frac{1}{10}) + (6 \times \frac{1}{100}) + (3 \times \frac{1}{1000})$

14) 84.265  $8 \times 10 + 4 + (2 \times \frac{1}{10}) + (6 \times \frac{1}{100}) + (5 \times \frac{1}{1000})$

15) 261.2  $2 \times 100 + 6 \times 10 + 1 + (2 \times \frac{1}{10})$