**Convert each number to expanded notation.**

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

Answers

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

1. _____

2) $4 \times 100 + 3 \times 10 + 7 + (5 \times \frac{1}{10}) + (2 \times \frac{1}{100})$

2. _____

3) $3 \times 10 + 7 + (2 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (6 \times \frac{1}{1000})$

3. _____

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

4. _____

5) $7 \times 100 + 3 \times 10 + 9 + (2 \times \frac{1}{10}) + (6 \times \frac{1}{100}) + (8 \times \frac{1}{1000})$

5. _____

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

6. _____

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

7. _____

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

8. _____

9) $1 + (6 \times \frac{1}{10}) + (8 \times \frac{1}{100}) + (2 \times \frac{1}{1000})$

9. _____

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

10. _____

11) $5 \times 100 + 6 \times 10 + 6 + (9 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (4 \times \frac{1}{1000})$

11. _____

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

12. _____

13) $9 + (6 \times \frac{1}{10}) + (8 \times \frac{1}{100})$

13. _____

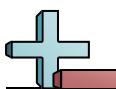
14) $5 + (1 \times \frac{1}{10})$

14. _____

15) $3 \times 10 + 1 + (6 \times \frac{1}{10}) + (2 \times \frac{1}{100})$

15. _____

1-10	93	87	80	73	67	60	53	47	40	33
11-15	27	20	13	7	0					



Convert each number to expanded notation.

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

Answers

1. **6.216**

2. **437.52**

3. **37.296**

4. **19.348**

5. **739.268**

6. **65.76**

7. **92.92**

8. **242.13**

9. **1.682**

10. **44.7**

11. **566.944**

12. **5.37**

13. **9.68**

14. **5.1**

15. **31.62**

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

2) $4 \times 100 + 3 \times 10 + 7 + (5 \times \frac{1}{10}) + (2 \times \frac{1}{100})$

3) $3 \times 10 + 7 + (2 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (6 \times \frac{1}{1000})$

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

5) $7 \times 100 + 3 \times 10 + 9 + (2 \times \frac{1}{10}) + (6 \times \frac{1}{100}) + (8 \times \frac{1}{1000})$

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

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

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

9) $1 + (6 \times \frac{1}{10}) + (8 \times \frac{1}{100}) + (2 \times \frac{1}{1000})$

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

11) $5 \times 100 + 6 \times 10 + 6 + (9 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (4 \times \frac{1}{1000})$

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

13) $9 + (6 \times \frac{1}{10}) + (8 \times \frac{1}{100})$

14) $5 + (1 \times \frac{1}{10})$

15) $3 \times 10 + 1 + (6 \times \frac{1}{10}) + (2 \times \frac{1}{100})$

1-10	93	87	80	73	67	60	53	47	40	33
11-15	27	20	13	7	0					