



Convert each number to expanded notation.

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

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

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

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

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

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

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

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

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

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

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

11) $2 + (4 \times \frac{1}{10}) + (6 \times \frac{1}{100}) + (7 \times \frac{1}{1000})$

12) $6 + (9 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (9 \times \frac{1}{1000})$

13) $8 + (5 \times \frac{1}{10}) + (7 \times \frac{1}{100})$

14) $9 \times 100 + 7 \times 10 + 8 + (4 \times \frac{1}{10}) + (5 \times \frac{1}{100})$

15) $7 \times 100 + 3 \times 10 + 7 + (5 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (2 \times \frac{1}{1000})$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____



Convert each number to expanded notation.

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

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

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

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

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

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

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

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

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

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

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

11) $2 + (4 \times \frac{1}{10}) + (6 \times \frac{1}{100}) + (7 \times \frac{1}{1000})$

12) $6 + (9 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (9 \times \frac{1}{1000})$

13) $8 + (5 \times \frac{1}{10}) + (7 \times \frac{1}{100})$

14) $9 \times 100 + 7 \times 10 + 8 + (4 \times \frac{1}{10}) + (5 \times \frac{1}{100})$

15) $7 \times 100 + 3 \times 10 + 7 + (5 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (2 \times \frac{1}{1000})$

Answers

1. 44.584

2. 8.1

3. 5.2

4. 5.333

5. 1.1

6. 7.7

7. 68.9

8. 91.44

9. 32.38

10. 12.1

11. 2.467

12. 6.919

13. 8.57

14. 978.45

15. 737.552