



Expanded Notation to Standard Form with Decimals

Name:

Convert each number to standard form.

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

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

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

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

4) $4 \times 100 + 6 \times 10 + 8 + (7 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (6 \times \frac{1}{1000})$

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

6) $3 \times 10 + 3 + (7 \times \frac{1}{10})$

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

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

9) $4 \times 10 + 3 + (3 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (6 \times \frac{1}{1000})$

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

11) $5 + (1 \times \frac{1}{10})$

12) $9 \times 10 + 8 + (4 \times \frac{1}{10}) + (5 \times \frac{1}{100})$

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

14) $1 \times 100 + 1 \times 10 + 2 + (4 \times \frac{1}{10})$

15) $8 \times 100 + 2 \times 10 + 9 + (4 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (3 \times \frac{1}{1000})$

Answers

33.2

Ex.

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____



Convert each number to standard form.

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

Answers**33.2**

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

1. **95.263**

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

2. **99.11**

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

3. **395.54**

4) $4 \times 100 + 6 \times 10 + 8 + (7 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (6 \times \frac{1}{1000})$

4. **468.776**

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

5. **5.496**

6) $3 \times 10 + 3 + (7 \times \frac{1}{10})$

6. **33.7**

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

7. **1.95**

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

8. **38.877**

9) $4 \times 10 + 3 + (3 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (6 \times \frac{1}{1000})$

9. **43.356**

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

10. **2.81**

11) $5 + (1 \times \frac{1}{10})$

11. **5.1**

12) $9 \times 10 + 8 + (4 \times \frac{1}{10}) + (5 \times \frac{1}{100})$

12. **98.45**

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

13. **434.66**

14) $1 \times 100 + 1 \times 10 + 2 + (4 \times \frac{1}{10})$

14. **112.4**

15) $8 \times 100 + 2 \times 10 + 9 + (4 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (3 \times \frac{1}{1000})$

15. **829.413**

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