Expanded Notation to Standard From with Decimals

Name:

Convert each number to standard form.

Ex) $9 \times 100 + 7 \times 10 + 3 + (5 \times \frac{1}{10})$

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

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

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

4) $5 + (4 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (8 \times \frac{1}{1000})$

5) $6 \times 10 + 7 + (4 \times \frac{1}{10})$

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

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

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

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

10) $7 \times 100 + 4 \times 10 + 7 + (3 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (3 \times \frac{1}{1000})$

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

12) $8 \times 10 + 3 + (5 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (7 \times \frac{1}{1000})$

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

14) $2 \times 10 + 3 + (3 \times \frac{1}{10}) + (5 \times \frac{1}{100})$

15) $9 \times 10 + 8 + (6 \times \frac{1}{10}) + (6 \times \frac{1}{100}) + (8 \times \frac{1}{1000})$

Answers

Ex. 973.5

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____

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

Expanded Notation to Standard From with Decimals Name: **Answer Key**

Convert each number to standard form.

Ex) $9 \times 100 + 7 \times 10 + 3 + (5 \times \frac{1}{10})$

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

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

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

4) $5 + (4 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (8 \times \frac{1}{1000})$

5) $6 \times 10 + 7 + (4 \times \frac{1}{10})$

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

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

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

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

10) $7 \times 100 + 4 \times 10 + 7 + (3 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (3 \times \frac{1}{1000})$

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

12) $8 \times 10 + 3 + (5 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (7 \times \frac{1}{1000})$

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

14) $2 \times 10 + 3 + (3 \times \frac{1}{10}) + (5 \times \frac{1}{100})$

15) $9 \times 10 + 8 + (6 \times \frac{1}{10}) + (6 \times \frac{1}{100}) + (8 \times \frac{1}{1000})$

Answers

Ex.	973.5
1.	29.166
2.	18.43
3.	8.598
4.	5.498
5.	67.4
6.	163.761
7.	6.1
8.	91.193
9.	193.4
10.	747.353
11.	56.99
12.	83.597
13.	7.7
14.	23.35
15.	98.668

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

Expanded Notation to Standard From with Decimals

Name:

Convert each number to standard form.

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

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

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

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

4) $8 \times 10 + 3 + (5 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (7 \times \frac{1}{1000})$

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

6) $5 \times 100 + 9 \times 10 + 8 + (2 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (1 \times \frac{1}{1000})$

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

8) $3 \times 100 + 5 \times 10 + 6 + (6 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (4 \times \frac{1}{1000})$

9) $2 \times 10 + 4 + (6 \times \frac{1}{10}) + (2 \times \frac{1}{100}) + (8 \times \frac{1}{1000})$

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

11) $7 + (9 \times \frac{1}{10})$

12) $6 \times 10 + 8 + (5 \times \frac{1}{10}) + (3 \times \frac{1}{100})$

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

14) $1 + (3 \times \frac{1}{10}) + (9 \times \frac{1}{100})$

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

Answers

Ex. 79.527

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____

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

Expanded Notation to Standard From with Decimals Name: **Answer Key**

Convert each number to standard form.

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

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

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

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

4) $8 \times 10 + 3 + (5 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (7 \times \frac{1}{1000})$

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

6) $5 \times 100 + 9 \times 10 + 8 + (2 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (1 \times \frac{1}{1000})$

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

8) $3 \times 100 + 5 \times 10 + 6 + (6 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (4 \times \frac{1}{1000})$

9) $2 \times 10 + 4 + (6 \times \frac{1}{10}) + (2 \times \frac{1}{100}) + (8 \times \frac{1}{1000})$

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

11) $7 + (9 \times \frac{1}{10})$

12) $6 \times 10 + 8 + (5 \times \frac{1}{10}) + (3 \times \frac{1}{100})$

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

14) $1 + (3 \times \frac{1}{10}) + (9 \times \frac{1}{100})$

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

Answers

Ex. **79.527**
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**

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

Expanded Notation to Standard From with Decimals

Name:

Convert each number to standard form.

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

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

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

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

4) $9 \times 100 + 3 \times 10 + 4 + (7 \times \frac{1}{10})$

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

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

7) $5 \times 10 + 3 + (9 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (6 \times \frac{1}{1000})$

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

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

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

11) $4 \times 100 + 4 \times 10 + 6 + (7 \times \frac{1}{10}) + (8 \times \frac{1}{100}) + (4 \times \frac{1}{1000})$

12) $6 \times 100 + 3 \times 10 + 7 + (1 \times \frac{1}{10}) + (7 \times \frac{1}{100})$

13) $4 + (7 \times \frac{1}{10})$

14) $7 \times 10 + 3 + (7 \times \frac{1}{10})$

15) $7 \times 10 + 6 + (1 \times \frac{1}{10}) + (1 \times \frac{1}{100})$

Answers

Ex. 41.78

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____

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

Expanded Notation to Standard From with Decimals Name: **Answer Key**

Convert each number to standard form.

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

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

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

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

4) $9 \times 100 + 3 \times 10 + 4 + (7 \times \frac{1}{10})$

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

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

7) $5 \times 10 + 3 + (9 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (6 \times \frac{1}{1000})$

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

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

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

11) $4 \times 100 + 4 \times 10 + 6 + (7 \times \frac{1}{10}) + (8 \times \frac{1}{100}) + (4 \times \frac{1}{1000})$

12) $6 \times 100 + 3 \times 10 + 7 + (1 \times \frac{1}{10}) + (7 \times \frac{1}{100})$

13) $4 + (7 \times \frac{1}{10})$

14) $7 \times 10 + 3 + (7 \times \frac{1}{10})$

15) $7 \times 10 + 6 + (1 \times \frac{1}{10}) + (1 \times \frac{1}{100})$

Answers

Ex.	41.78
1.	96.866
2.	2.71
3.	25.9
4.	934.7
5.	224.72
6.	47.4
7.	53.946
8.	95.96
9.	5.96
10.	283.4
11.	446.784
12.	637.17
13.	4.7
14.	73.7
15.	76.11

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

Expanded Notation to Standard From with Decimals

Name:

Convert each number to standard form.

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

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

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

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

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

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

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

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

8) $6 \times 100 + 4 \times 10 + 4 + (9 \times \frac{1}{10})$

9) $3 \times 10 + 8 + (5 \times \frac{1}{10})$

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

11) $2 + (1 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (1 \times \frac{1}{1000})$

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

13) $2 \times 100 + 8 \times 10 + 7 + (6 \times \frac{1}{10})$

14) $4 \times 10 + 3 + (1 \times \frac{1}{10}) + (8 \times \frac{1}{100}) + (5 \times \frac{1}{1000})$

15) $4 + (5 \times \frac{1}{10}) + (4 \times \frac{1}{100})$

Answers

Ex. 7.9

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____

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

Expanded Notation to Standard From with Decimals Name: **Answer Key**

Convert each number to standard form.

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

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

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

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

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

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

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

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

8) $6 \times 100 + 4 \times 10 + 4 + (9 \times \frac{1}{10})$

9) $3 \times 10 + 8 + (5 \times \frac{1}{10})$

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

11) $2 + (1 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (1 \times \frac{1}{1000})$

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

13) $2 \times 100 + 8 \times 10 + 7 + (6 \times \frac{1}{10})$

14) $4 \times 10 + 3 + (1 \times \frac{1}{10}) + (8 \times \frac{1}{100}) + (5 \times \frac{1}{1000})$

15) $4 + (5 \times \frac{1}{10}) + (4 \times \frac{1}{100})$

Answers

Ex.	7.9
1.	147.5
2.	3.81
3.	4.2
4.	19.32
5.	56.7
6.	42.88
7.	7.3
8.	644.9
9.	38.5
10.	985.51
11.	2.191
12.	37.35
13.	287.6
14.	43.185
15.	4.54

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

Expanded Notation to Standard From with Decimals

Name:

Convert each number to standard form.

Ex) $5 \times 100 + 6 \times 10 + 4 + (7 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (6 \times \frac{1}{1000})$

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

2) $7 \times 100 + 4 \times 10 + 1 + (6 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (3 \times \frac{1}{1000})$

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

4) $7 + (3 \times \frac{1}{10}) + (8 \times \frac{1}{100})$

5) $3 \times 100 + 2 \times 10 + 7 + (1 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (4 \times \frac{1}{1000})$

6) $5 + (8 \times \frac{1}{10})$

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

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

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

10) $3 \times 100 + 3 \times 10 + 2 + (9 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (7 \times \frac{1}{1000})$

11) $9 \times 100 + 2 \times 10 + 7 + (9 \times \frac{1}{10})$

12) $9 \times 100 + 8 \times 10 + 4 + (4 \times \frac{1}{10}) + (6 \times \frac{1}{100}) + (5 \times \frac{1}{1000})$

13) $2 \times 10 + 9 + (1 \times \frac{1}{10})$

14) $6 + (1 \times \frac{1}{10})$

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

Answers

Ex. 564.756

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____

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

Expanded Notation to Standard From with Decimals Name: **Answer Key**

Convert each number to standard form.

Ex) $5 \times 100 + 6 \times 10 + 4 + (7 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (6 \times \frac{1}{1000})$

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

2) $7 \times 100 + 4 \times 10 + 1 + (6 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (3 \times \frac{1}{1000})$

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

4) $7 + (3 \times \frac{1}{10}) + (8 \times \frac{1}{100})$

5) $3 \times 100 + 2 \times 10 + 7 + (1 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (4 \times \frac{1}{1000})$

6) $5 + (8 \times \frac{1}{10})$

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

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

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

10) $3 \times 100 + 3 \times 10 + 2 + (9 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (7 \times \frac{1}{1000})$

11) $9 \times 100 + 2 \times 10 + 7 + (9 \times \frac{1}{10})$

12) $9 \times 100 + 8 \times 10 + 4 + (4 \times \frac{1}{10}) + (6 \times \frac{1}{100}) + (5 \times \frac{1}{1000})$

13) $2 \times 10 + 9 + (1 \times \frac{1}{10})$

14) $6 + (1 \times \frac{1}{10})$

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

Answers

Ex.	564.756
1.	63.953
2.	741.613
3.	344.3
4.	7.38
5.	327.144
6.	5.8
7.	18.6
8.	855.861
9.	4.91
10.	332.947
11.	927.9
12.	984.465
13.	29.1
14.	6.1
15.	4.39

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

Expanded Notation to Standard From with Decimals

Name:

Convert each number to standard form.

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

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

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

3) $7 \times 100 + 2 \times 10 + 4 + (8 \times \frac{1}{10}) + (7 \times \frac{1}{100})$

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

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

6) $4 \times 100 + 2 \times 10 + 3 + (8 \times \frac{1}{10}) + (3 \times \frac{1}{100}) + (5 \times \frac{1}{1000})$

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

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

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

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

11) $3 + (1 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (8 \times \frac{1}{1000})$

12) $4 \times 100 + 2 \times 10 + 8 + (1 \times \frac{1}{10})$

13) $5 \times 10 + 3 + (1 \times \frac{1}{10}) + (8 \times \frac{1}{100}) + (1 \times \frac{1}{1000})$

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

15) $4 \times 10 + 5 + (3 \times \frac{1}{10}) + (6 \times \frac{1}{100}) + (4 \times \frac{1}{1000})$

Answers

Ex. 499.23

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____

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

Expanded Notation to Standard From with Decimals Name: **Answer Key**

Convert each number to standard form.

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

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

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

3) $7 \times 100 + 2 \times 10 + 4 + (8 \times \frac{1}{10}) + (7 \times \frac{1}{100})$

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

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

6) $4 \times 100 + 2 \times 10 + 3 + (8 \times \frac{1}{10}) + (3 \times \frac{1}{100}) + (5 \times \frac{1}{1000})$

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

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

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

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

11) $3 + (1 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (8 \times \frac{1}{1000})$

12) $4 \times 100 + 2 \times 10 + 8 + (1 \times \frac{1}{10})$

13) $5 \times 10 + 3 + (1 \times \frac{1}{10}) + (8 \times \frac{1}{100}) + (1 \times \frac{1}{1000})$

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

15) $4 \times 10 + 5 + (3 \times \frac{1}{10}) + (6 \times \frac{1}{100}) + (4 \times \frac{1}{1000})$

Answers

Ex.	499.23
1.	54.6
2.	98.88
3.	724.87
4.	16.662
5.	72.626
6.	423.835
7.	66.14
8.	772.69
9.	57.8
10.	9.1
11.	3.198
12.	428.1
13.	53.181
14.	1.5
15.	45.364

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

Expanded Notation to Standard From with Decimals

Name:

Convert each number to standard form.

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

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

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

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

4) $7 \times 100 + 4 \times 10 + 1 + (3 \times \frac{1}{10}) + (8 \times \frac{1}{100})$

5) $7 + (8 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (7 \times \frac{1}{1000})$

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

7) $7 \times 10 + 6 + (2 \times \frac{1}{10})$

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

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

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

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

12) $6 \times 10 + 3 + (6 \times \frac{1}{10})$

13) $3 \times 100 + 1 \times 10 + 9 + (7 \times \frac{1}{10}) + (2 \times \frac{1}{100}) + (3 \times \frac{1}{1000})$

14) $1 \times 10 + 9 + (8 \times \frac{1}{10})$

15) $5 \times 10 + 2 + (1 \times \frac{1}{10})$

Answers

Ex. 252.33

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____

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

Expanded Notation to Standard From with Decimals Name: **Answer Key**

Convert each number to standard form.

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

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

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

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

4) $7 \times 100 + 4 \times 10 + 1 + (3 \times \frac{1}{10}) + (8 \times \frac{1}{100})$

5) $7 + (8 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (7 \times \frac{1}{1000})$

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

7) $7 \times 10 + 6 + (2 \times \frac{1}{10})$

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

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

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

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

12) $6 \times 10 + 3 + (6 \times \frac{1}{10})$

13) $3 \times 100 + 1 \times 10 + 9 + (7 \times \frac{1}{10}) + (2 \times \frac{1}{100}) + (3 \times \frac{1}{1000})$

14) $1 \times 10 + 9 + (8 \times \frac{1}{10})$

15) $5 \times 10 + 2 + (1 \times \frac{1}{10})$

Answers

Ex.	252.33
1.	227.98
2.	328.1
3.	15.75
4.	741.38
5.	7.847
6.	94.95
7.	76.2
8.	185.855
9.	2.92
10.	88.41
11.	631.1
12.	63.6
13.	319.723
14.	19.8
15.	52.1

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

Expanded Notation to Standard From with Decimals

Name:

Convert each number to standard form.

Ex) $6 \times 10 + 5 + (8 \times \frac{1}{10})$

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

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

3) $2 + (4 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (5 \times \frac{1}{1000})$

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

5) $6 + (3 \times \frac{1}{10})$

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

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

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

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

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

11) $8 \times 10 + 2 + (7 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (7 \times \frac{1}{1000})$

12) $1 \times 10 + 6 + (2 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (1 \times \frac{1}{1000})$

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

14) $4 + (3 \times \frac{1}{10}) + (2 \times \frac{1}{100}) + (2 \times \frac{1}{1000})$

15) $5 \times 100 + 5 \times 10 + 3 + (6 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (9 \times \frac{1}{1000})$

Answers

Ex. **65.8**

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____

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

Expanded Notation to Standard From with Decimals Name: **Answer Key**

Convert each number to standard form.

Ex) $6 \times 10 + 5 + (8 \times \frac{1}{10})$

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

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

3) $2 + (4 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (5 \times \frac{1}{1000})$

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

5) $6 + (3 \times \frac{1}{10})$

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

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

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

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

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

11) $8 \times 10 + 2 + (7 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (7 \times \frac{1}{1000})$

12) $1 \times 10 + 6 + (2 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (1 \times \frac{1}{1000})$

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

14) $4 + (3 \times \frac{1}{10}) + (2 \times \frac{1}{100}) + (2 \times \frac{1}{1000})$

15) $5 \times 100 + 5 \times 10 + 3 + (6 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (9 \times \frac{1}{1000})$

Answers

Ex.	65.8
1.	6.184
2.	35.6
3.	2.455
4.	64.6
5.	6.3
6.	88.125
7.	3.5
8.	145.8
9.	82.81
10.	117.833
11.	82.777
12.	16.211
13.	91.86
14.	4.322
15.	553.679

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

Expanded Notation to Standard From with Decimals

Name:

Convert each number to standard form.

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

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

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

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

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

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

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

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

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

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

10) $5 \times 10 + 7 + (5 \times \frac{1}{10}) + (8 \times \frac{1}{100}) + (4 \times \frac{1}{1000})$

11) $4 \times 10 + 2 + (9 \times \frac{1}{10}) + (1 \times \frac{1}{100})$

12) $8 \times 10 + 6 + (5 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (7 \times \frac{1}{1000})$

13) $4 + (5 \times \frac{1}{10})$

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

15) $5 + (4 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (5 \times \frac{1}{1000})$

Answers

Ex. 926.99

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____

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

Expanded Notation to Standard From with Decimals Name: **Answer Key**

Convert each number to standard form.

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

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

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

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

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

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

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

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

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

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

10) $5 \times 10 + 7 + (5 \times \frac{1}{10}) + (8 \times \frac{1}{100}) + (4 \times \frac{1}{1000})$

11) $4 \times 10 + 2 + (9 \times \frac{1}{10}) + (1 \times \frac{1}{100})$

12) $8 \times 10 + 6 + (5 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (7 \times \frac{1}{1000})$

13) $4 + (5 \times \frac{1}{10})$

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

15) $5 + (4 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (5 \times \frac{1}{1000})$

Answers

Ex.	926.99
1.	7.4
2.	83.81
3.	2.419
4.	1.74
5.	211.5
6.	7.287
7.	812.3
8.	91.16
9.	83.783
10.	57.584
11.	42.91
12.	86.547
13.	4.5
14.	665.2
15.	5.445

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

Expanded Notation to Standard From with Decimals

Name:

Convert each number to standard form.

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

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

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

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

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

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

6) $2 + (7 \times \frac{1}{10})$

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

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

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

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

11) $3 \times 10 + 3 + (7 \times \frac{1}{10}) + (2 \times \frac{1}{100}) + (4 \times \frac{1}{1000})$

12) $7 \times 10 + 2 + (8 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (7 \times \frac{1}{1000})$

13) $1 + (1 \times \frac{1}{10})$

14) $1 \times 100 + 5 \times 10 + 6 + (2 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (3 \times \frac{1}{1000})$

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

Answers

Ex. **519.33**

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____

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

Expanded Notation to Standard From with Decimals Name: **Answer Key**

Convert each number to standard form.

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

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

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

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

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

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

6) $2 + (7 \times \frac{1}{10})$

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

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

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

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

11) $3 \times 10 + 3 + (7 \times \frac{1}{10}) + (2 \times \frac{1}{100}) + (4 \times \frac{1}{1000})$

12) $7 \times 10 + 2 + (8 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (7 \times \frac{1}{1000})$

13) $1 + (1 \times \frac{1}{10})$

14) $1 \times 100 + 5 \times 10 + 6 + (2 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (3 \times \frac{1}{1000})$

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

Answers

Ex.	519.33
1.	9.48
2.	672.85
3.	4.51
4.	617.47
5.	8.115
6.	2.7
7.	3.317
8.	9.43
9.	9.2
10.	1.789
11.	33.724
12.	72.897
13.	1.1
14.	156.293
15.	299.243

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