Expanded Notation to Standard From with Decimals   Name:

Convert each number to standard form.

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

Ex. **564.756**

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

1. _____

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

2. _____

3. _____

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

4. _____

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

5. _____

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

6. _____

7. _____

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

8. _____

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

9. _____

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

10. _____

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

11. _____

12. _____

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

13. _____

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

14. _____

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

15. _____

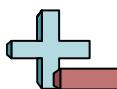**13)** $2 \times 10 + 9 + (1 \times \frac{1}{10})$

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

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

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

Convert each number to standard form.

Answers

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

Ex. **564.756**

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

1. **63.953**

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

2. **741.613**

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

3. **344.3**

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

4. **7.38**

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

5. **327.144**

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

6. **5.8**

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

7. **18.6**

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

8. **855.861**

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

9. **4.91**

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

10. **332.947**

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

11. **927.9**

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

12. **984.465**

13. **29.1**

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

14. **6.1**

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

15. **4.39**

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

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