Numeric Form to Expanded Notation with Decimals Name:

Convert each number to expanded notation.

Ex) 2.618 $2+(6\times{}^{1}/_{10})+(1\times{}^{1}/_{100})+(8\times{}^{1}/_{1000})$

1) 26.192 _____

2) 256.83 _____

3) 58.4 _____

4) 2.871 _____

5) 42.7 _____

6) 12.426 _____

7) 514.3 _____

8) 281.65 _____

9) 74.7 _____

10) 66.2 _____

11) 549.43 _____

12) 3.39 _____

13) 77.2 _____

14) 9.76 _____

15) 5.4 _____

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

Numeric Form to Expanded Notation with Decimals Name: **Answer Key**

Convert each number to expanded notation.

Ex) 2.618 $2+(6\times{}^{1}/_{10})+(1\times{}^{1}/_{100})+(8\times{}^{1}/_{1000})$

1) 26.192 $2\times10+6+(1\times{}^{1}/_{10})+(9\times{}^{1}/_{100})+(2\times{}^{1}/_{1000})$

2) 256.83 $2\times100+5\times10+6+(8\times{}^{1}/_{10})+(3\times{}^{1}/_{100})$

3) 58.4 $5\times10+8+(4\times{}^{1}/_{10})$

4) 2.871 $2+(8\times{}^{1}/_{10})+(7\times{}^{1}/_{100})+(1\times{}^{1}/_{1000})$

5) 42.7 $4\times10+2+(7\times{}^{1}/_{10})$

6) 12.426 $1\times10+2+(4\times{}^{1}/_{10})+(2\times{}^{1}/_{100})+(6\times{}^{1}/_{1000})$

7) 514.3 $5\times100+1\times10+4+(3\times{}^{1}/_{10})$

8) 281.65 $2\times100+8\times10+1+(6\times{}^{1}/_{10})+(5\times{}^{1}/_{100})$

9) 74.7 $7\times10+4+(7\times{}^{1}/_{10})$

10) 66.2 $6\times10+6+(2\times{}^{1}/_{10})$

11) 549.43 $5\times100+4\times10+9+(4\times{}^{1}/_{10})+(3\times{}^{1}/_{100})$

12) 3.39 $3+(3\times{}^{1}/_{10})+(9\times{}^{1}/_{100})$

13) 77.2 $7\times10+7+(2\times{}^{1}/_{10})$

14) 9.76 $9+(7\times{}^{1}/_{10})+(6\times{}^{1}/_{100})$

15) 5.4 $5+(4\times{}^{1}/_{10})$

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