

Expanded Form With Decimals (I)

Name: _____

Date: _____

Convert each standard form decimal number to expanded form using decimals.

1. 8.037377838
2. 9.875856893
3. 2.800173616
4. 4.155417482
5. 3.285623765
6. 3.992761083
7. 6.661827942
8. 1.620845604
9. 8.791156466
10. 2.578823368

Expanded Form With Decimals (I) Answers

Name: _____

Date: _____

Convert each standard form decimal number to expanded form using decimals.

1. 8.037377838

$$8 + 0.03 + 0.007 + 0.0003 + 0.00007 + 0.000007 + 0.0000008 + 0.00000003 + 0.000000008$$

2. 9.875856893

$$9 + 0.8 + 0.07 + 0.005 + 0.0008 + 0.00005 + 0.000006 + 0.0000008 + 0.00000009 + 0.000000003$$

3. 2.800173616

$$2 + 0.8 + 0.0001 + 0.00007 + 0.000003 + 0.0000006 + 0.00000001 + 0.000000006$$

4. 4.155417482

$$4 + 0.1 + 0.05 + 0.005 + 0.0004 + 0.00001 + 0.000007 + 0.0000004 + 0.00000008 + 0.000000002$$

5. 3.285623765

$$3 + 0.2 + 0.08 + 0.005 + 0.0006 + 0.00002 + 0.000003 + 0.0000007 + 0.00000006 + 0.000000005$$

6. 3.992761083

$$3 + 0.9 + 0.09 + 0.002 + 0.0007 + 0.00006 + 0.000001 + 0.0000008 + 0.000000003$$

7. 6.661827942

$$6 + 0.6 + 0.06 + 0.001 + 0.0008 + 0.00002 + 0.000007 + 0.0000009 + 0.00000004 + 0.000000002$$

8. 1.620845604

$$1 + 0.6 + 0.02 + 0.0008 + 0.00004 + 0.000005 + 0.0000006 + 0.000000004$$

9. 8.791156466

$$8 + 0.7 + 0.09 + 0.001 + 0.0001 + 0.00005 + 0.000006 + 0.0000004 + 0.00000006 + 0.000000006$$

10. 2.578823368

$$2 + 0.5 + 0.07 + 0.008 + 0.0008 + 0.00002 + 0.000003 + 0.0000003 + 0.00000006 + 0.000000008$$