

NUMBER: Place Value with Decimal Numbers

Name:

Date:

<http://www.learnersgrid.com>

Give the expanded numeral for each of the compact numerals below:

[a] 97.26

[b] 211.491

[c] 12.696

[d] 6321.2

[e] 16.206

[f] 76.024

[g] 9678.37

[h] 24.609

[i] 8039.305

[k] 919.6

[m] 11.779

[n] 0.645

[p] 0.84

[q] 0.348

ANSWERS

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Give the expanded numeral for each of the compact numerals below:

[a] 97.26 = 90 + 7 + 0.2 + 0.06

[b] 211.491 = 200 + 10 + 1 + 0.4 + 0.09 + 0.001

[c] 12.696 = 10 + 2 + 0.6 + 0.09 + 0.006

[d] 6321.2 = 6000 + 300 + 20 + 1 + 0.2

[e] 16.206 = 10 + 6 + 0.2 + 0.006

[f] 76.024 = 70 + 6 + 0.02 + 0.004

[g] 9678.37 = 9000 + 600 + 70 + 8 + 0.3 + 0.07

[h] 24.609 = 20 + 4 + 0.6 + 0.009

[i] 8039.305 = 8000 + 30 + 9 + 0.3 + 0.005

[k] 919.6 = 900 + 10 + 9 + 0.6

[m] 11.779 = 10 + 1 + 0.7 + 0.07 + 0.009

[n] 0.645 = 0.6 + 0.04 + 0.005

[p] 0.84 = 0.8 + 0.04

[q] 0.348 = 0.3 + 0.04 + 0.008