

NUMBER: Place Value with Decimal Numbers

Name:

Date:

<http://www.learnersgrid.com>

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

[a] 53.31

[b] 187.278

[c] 39.867

[d] 3694.9

[e] 62.433

[f] 12.569

[g] 3177.86

[h] 661.639

[i] 853.517

[k] 291.9

[m] 48.361

[n] 3.608

[p] 0.8

[q] 0.421

ANSWERS

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

[a] 53.31 = 50 + 3 + 0.3 + 0.01

[b] 187.278 = 100 + 80 + 7 + 0.2 + 0.07 + 0.008

[c] 39.867 = 30 + 9 + 0.8 + 0.06 + 0.007

[d] 3694.9 = 3000 + 600 + 90 + 4 + 0.9

[e] 62.433 = 60 + 2 + 0.4 + 0.03 + 0.003

[f] 12.569 = 10 + 2 + 0.5 + 0.06 + 0.009

[g] 3177.86 = 3000 + 100 + 70 + 7 + 0.8 + 0.06

[h] 661.639 = 600 + 60 + 1 + 0.6 + 0.03 + 0.009

[i] 853.517 = 0 + 800 + 50 + 3 + 0.5 + 0.01 + 0.007

[k] 291.9 = 200 + 90 + 1 + 0.9

[m] 48.361 = 40 + 8 + 0.3 + 0.06 + 0.001

[n] 3.608 = 3 + 0.6 + 0.008

[p] 0.8 = 0.8

[q] 0.421 = 0.4 + 0.02 + 0.001