

NUMBER: Place Value with Decimal Numbers

Name:

Date:

<http://www.learnersgrid.com>

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

[a] 23.19

[b] 619.509

[c] 26.668

[d] 7558.7

[e] 89.271

[f] 38.673

[g] 757.

[h] 823.355

[i] 1522.437

[k] 559.

[m] 54.642

[n] 1.701

[p] 0.27

[q] 0.142

ANSWERS

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

[a] 23.19 = 20 + 3 + 0.1 + 0.09

[b] 619.509 = 600 + 10 + 9 + 0.5 + 0.009

[c] 26.668 = 20 + 6 + 0.6 + 0.06 + 0.008

[d] 7558.7 = 7000 + 500 + 50 + 8 + 0.7

[e] 89.271 = 80 + 9 + 0.2 + 0.07 + 0.001

[f] 38.673 = 30 + 8 + 0.6 + 0.07 + 0.003

[g] 757 = 700 + 50 + 7

[h] 823.355 = 800 + 20 + 3 + 0.3 + 0.05 + 0.005

[i] 1522.437 = 1000 + 500 + 20 + 2 + 0.4 + 0.03 + 0.007

[k] 559 = 500 + 50 + 9

[m] 54.642 = 50 + 4 + 0.6 + 0.04 + 0.002

[n] 1.701 = 1 + 0.7 + 0.001

[p] 0.27 = 0.2 + 0.07

[q] 0.142 = 0.1 + 0.04 + 0.002