

EXPANDED FORM DECIMAL CHART

Fifth Grade Mathematics • Place Value Reference

Standard Form	Expanded Form (Decimals)	Expanded Form (Fractions)
4 . 35	$4 + 0.3 + 0.05$	$4 + (3 \times 1/10) + (5 \times 1/100)$
12 . 08	$10 + 2 + 0.08$	$(1 \times 10) + (2 \times 1) + (8 \times 1/100)$
0 . 729	$0.7 + 0.02 + 0.009$	$(7 \times 1/10) + (2 \times 1/100) + (9 \times 1/1000)$
5 . 604	$5 + 0.6 + 0.004$	$5 + (6 \times 1/10) + (4 \times 1/1000)$
38 . 152	$30 + 8 + 0.1 + 0.05 + 0.002$	$(3 \times 10) + (8 \times 1) + (1 \times 1/10) + (5 \times 1/100) + (2 \times 1/1000)$
9 . 007	$9 + 0.007$	$9 + (7 \times 1/1000)$

QUICK REFERENCE

Tenths: 0.1 or 1/10 | **Hundredths:** 0.01 or 1/100 | **Thousandths:** 0.001 or 1/1000