

Expanded Form (SI) (G)

Name: _____

Date: _____

Write each number in expanded form.

465 797 389

234 446 285

151 215 798

347 301 474

858 811 484

234 784 971

300 812 638

690 574 697

121 779 584

346 471 458

Expanded Form (SI) (G) Answers

Name: _____

Date: _____

Write each number in expanded form.

465 797 389 $400\,000\,000 + 60\,000\,000 + 5\,000\,000 + 700\,000 + 90\,000 + 7000 + 300 + 80 + 9$
 $(4 \times 100\,000\,000) + (6 \times 10\,000\,000) + (5 \times 1\,000\,000) + (7 \times 100\,000) + (9 \times 10\,000) + (7 \times 1000) + (3 \times 100) + (8 \times 10) + (9 \times 1)$
 $(4 \times 10^8) + (6 \times 10^7) + (5 \times 10^6) + (7 \times 10^5) + (9 \times 10^4) + (7 \times 10^3) + (3 \times 10^2) + (8 \times 10^1) + (9 \times 10^0)$

234 446 285 $200\,000\,000 + 30\,000\,000 + 4\,000\,000 + 400\,000 + 40\,000 + 6000 + 200 + 80 + 5$
 $(2 \times 100\,000\,000) + (3 \times 10\,000\,000) + (4 \times 1\,000\,000) + (4 \times 100\,000) + (4 \times 10\,000) + (6 \times 1000) + (2 \times 100) + (8 \times 10) + (5 \times 1)$
 $(2 \times 10^8) + (3 \times 10^7) + (4 \times 10^6) + (4 \times 10^5) + (4 \times 10^4) + (6 \times 10^3) + (2 \times 10^2) + (8 \times 10^1) + (5 \times 10^0)$

151 215 798 $100\,000\,000 + 50\,000\,000 + 1\,000\,000 + 200\,000 + 10\,000 + 5000 + 700 + 90 + 8$
 $(1 \times 100\,000\,000) + (5 \times 10\,000\,000) + (1 \times 1\,000\,000) + (2 \times 100\,000) + (1 \times 10\,000) + (5 \times 1000) + (7 \times 100) + (9 \times 10) + (8 \times 1)$
 $(1 \times 10^8) + (5 \times 10^7) + (1 \times 10^6) + (2 \times 10^5) + (1 \times 10^4) + (5 \times 10^3) + (7 \times 10^2) + (9 \times 10^1) + (8 \times 10^0)$

347 301 474 $300\,000\,000 + 40\,000\,000 + 7\,000\,000 + 300\,000 + 1000 + 400 + 70 + 4$
 $(3 \times 100\,000\,000) + (4 \times 10\,000\,000) + (7 \times 1\,000\,000) + (3 \times 100\,000) + (1 \times 1000) + (4 \times 100) + (7 \times 10) + (4 \times 1)$
 $(3 \times 10^8) + (4 \times 10^7) + (7 \times 10^6) + (3 \times 10^5) + (1 \times 10^3) + (4 \times 10^2) + (7 \times 10^1) + (4 \times 10^0)$

858 811 484 $800\,000\,000 + 50\,000\,000 + 8\,000\,000 + 800\,000 + 10\,000 + 1000 + 400 + 80 + 4$
 $(8 \times 100\,000\,000) + (5 \times 10\,000\,000) + (8 \times 1\,000\,000) + (8 \times 100\,000) + (1 \times 10\,000) + (1 \times 1000) + (4 \times 100) + (8 \times 10) + (4 \times 1)$
 $(8 \times 10^8) + (5 \times 10^7) + (8 \times 10^6) + (8 \times 10^5) + (1 \times 10^4) + (1 \times 10^3) + (4 \times 10^2) + (8 \times 10^1) + (4 \times 10^0)$

234 784 971 $200\,000\,000 + 30\,000\,000 + 4\,000\,000 + 700\,000 + 80\,000 + 4000 + 900 + 70 + 1$
 $(2 \times 100\,000\,000) + (3 \times 10\,000\,000) + (4 \times 1\,000\,000) + (7 \times 100\,000) + (8 \times 10\,000) + (4 \times 1000) + (9 \times 100) + (7 \times 10) + (1 \times 1)$
 $(2 \times 10^8) + (3 \times 10^7) + (4 \times 10^6) + (7 \times 10^5) + (8 \times 10^4) + (4 \times 10^3) + (9 \times 10^2) + (7 \times 10^1) + (1 \times 10^0)$

300 812 638 $300\,000\,000 + 800\,000 + 10\,000 + 2000 + 600 + 30 + 8$
 $(3 \times 100\,000\,000) + (8 \times 100\,000) + (1 \times 10\,000) + (2 \times 1000) + (6 \times 100) + (3 \times 10) + (8 \times 1)$
 $(3 \times 10^8) + (8 \times 10^5) + (1 \times 10^4) + (2 \times 10^3) + (6 \times 10^2) + (3 \times 10^1) + (8 \times 10^0)$

690 574 697 $600\,000\,000 + 90\,000\,000 + 500\,000 + 70\,000 + 4000 + 600 + 90 + 7$
 $(6 \times 100\,000\,000) + (9 \times 10\,000\,000) + (5 \times 100\,000) + (7 \times 10\,000) + (4 \times 1000) + (6 \times 100) + (9 \times 10) + (7 \times 1)$
 $(6 \times 10^8) + (9 \times 10^7) + (5 \times 10^5) + (7 \times 10^4) + (4 \times 10^3) + (6 \times 10^2) + (9 \times 10^1) + (7 \times 10^0)$

121 779 584 $100\,000\,000 + 20\,000\,000 + 1\,000\,000 + 700\,000 + 70\,000 + 9000 + 500 + 80 + 4$
 $(1 \times 100\,000\,000) + (2 \times 10\,000\,000) + (1 \times 1\,000\,000) + (7 \times 100\,000) + (7 \times 10\,000) + (9 \times 1000) + (5 \times 100) + (8 \times 10) + (4 \times 1)$
 $(1 \times 10^8) + (2 \times 10^7) + (1 \times 10^6) + (7 \times 10^5) + (7 \times 10^4) + (9 \times 10^3) + (5 \times 10^2) + (8 \times 10^1) + (4 \times 10^0)$

346 471 458 $300\,000\,000 + 40\,000\,000 + 6\,000\,000 + 400\,000 + 70\,000 + 1000 + 400 + 50 + 8$
 $(3 \times 100\,000\,000) + (4 \times 10\,000\,000) + (6 \times 1\,000\,000) + (4 \times 100\,000) + (7 \times 10\,000) + (1 \times 1000) + (4 \times 100) + (5 \times 10) + (8 \times 1)$
 $(3 \times 10^8) + (4 \times 10^7) + (6 \times 10^6) + (4 \times 10^5) + (7 \times 10^4) + (1 \times 10^3) + (4 \times 10^2) + (5 \times 10^1) + (8 \times 10^0)$