

Expanded Form (SI) (D)

Name: _____

Date: _____

Write each number in expanded form.

69 784 039

51 245 126

18 153 097

48 211 186

74 403 952

12 539 935

51 925 443

17 354 119

30 741 833

49 189 259

Expanded Form (SI) (D) Answers

Name: _____

Date: _____

Write each number in expanded form.

69 784 039 $60\,000\,000 + 9\,000\,000 + 700\,000 + 80\,000 + 4000 + 30 + 9$
 $(6 \times 10\,000\,000) + (9 \times 1\,000\,000) + (7 \times 100\,000) + (8 \times 10\,000) + (4 \times 1000) + (3 \times 10) + (9 \times 1)$
 $(6 \times 10^7) + (9 \times 10^6) + (7 \times 10^5) + (8 \times 10^4) + (4 \times 10^3) + (3 \times 10^1) + (9 \times 10^0)$

51 245 126 $50\,000\,000 + 1\,000\,000 + 200\,000 + 40\,000 + 5000 + 100 + 20 + 6$
 $(5 \times 10\,000\,000) + (1 \times 1\,000\,000) + (2 \times 100\,000) + (4 \times 10\,000) + (5 \times 1000) + (1 \times 100) + (2 \times 10) + (6 \times 1)$
 $(5 \times 10^7) + (1 \times 10^6) + (2 \times 10^5) + (4 \times 10^4) + (5 \times 10^3) + (1 \times 10^2) + (2 \times 10^1) + (6 \times 10^0)$

18 153 097 $10\,000\,000 + 8\,000\,000 + 100\,000 + 50\,000 + 3000 + 90 + 7$
 $(1 \times 10\,000\,000) + (8 \times 1\,000\,000) + (1 \times 100\,000) + (5 \times 10\,000) + (3 \times 1000) + (9 \times 10) + (7 \times 1)$
 $(1 \times 10^7) + (8 \times 10^6) + (1 \times 10^5) + (5 \times 10^4) + (3 \times 10^3) + (9 \times 10^1) + (7 \times 10^0)$

48 211 186 $40\,000\,000 + 8\,000\,000 + 200\,000 + 10\,000 + 1000 + 100 + 80 + 6$
 $(4 \times 10\,000\,000) + (8 \times 1\,000\,000) + (2 \times 100\,000) + (1 \times 10\,000) + (1 \times 1000) + (1 \times 100) + (8 \times 10) + (6 \times 1)$
 $(4 \times 10^7) + (8 \times 10^6) + (2 \times 10^5) + (1 \times 10^4) + (1 \times 10^3) + (1 \times 10^2) + (8 \times 10^1) + (6 \times 10^0)$

74 403 952 $70\,000\,000 + 4\,000\,000 + 400\,000 + 3000 + 900 + 50 + 2$
 $(7 \times 10\,000\,000) + (4 \times 1\,000\,000) + (4 \times 100\,000) + (3 \times 1000) + (9 \times 100) + (5 \times 10) + (2 \times 1)$
 $(7 \times 10^7) + (4 \times 10^6) + (4 \times 10^5) + (3 \times 10^3) + (9 \times 10^2) + (5 \times 10^1) + (2 \times 10^0)$

12 539 935 $10\,000\,000 + 2\,000\,000 + 500\,000 + 30\,000 + 9000 + 900 + 30 + 5$
 $(1 \times 10\,000\,000) + (2 \times 1\,000\,000) + (5 \times 100\,000) + (3 \times 10\,000) + (9 \times 1000) + (9 \times 100) + (3 \times 10) + (5 \times 1)$
 $(1 \times 10^7) + (2 \times 10^6) + (5 \times 10^5) + (3 \times 10^4) + (9 \times 10^3) + (9 \times 10^2) + (3 \times 10^1) + (5 \times 10^0)$

51 925 443 $50\,000\,000 + 1\,000\,000 + 900\,000 + 20\,000 + 5000 + 400 + 40 + 3$
 $(5 \times 10\,000\,000) + (1 \times 1\,000\,000) + (9 \times 100\,000) + (2 \times 10\,000) + (5 \times 1000) + (4 \times 100) + (4 \times 10) + (3 \times 1)$
 $(5 \times 10^7) + (1 \times 10^6) + (9 \times 10^5) + (2 \times 10^4) + (5 \times 10^3) + (4 \times 10^2) + (4 \times 10^1) + (3 \times 10^0)$

17 354 119 $10\,000\,000 + 7\,000\,000 + 300\,000 + 50\,000 + 4000 + 100 + 10 + 9$
 $(1 \times 10\,000\,000) + (7 \times 1\,000\,000) + (3 \times 100\,000) + (5 \times 10\,000) + (4 \times 1000) + (1 \times 100) + (1 \times 10) + (9 \times 1)$
 $(1 \times 10^7) + (7 \times 10^6) + (3 \times 10^5) + (5 \times 10^4) + (4 \times 10^3) + (1 \times 10^2) + (1 \times 10^1) + (9 \times 10^0)$

30 741 833 $30\,000\,000 + 700\,000 + 40\,000 + 1000 + 800 + 30 + 3$
 $(3 \times 10\,000\,000) + (7 \times 100\,000) + (4 \times 10\,000) + (1 \times 1000) + (8 \times 100) + (3 \times 10) + (3 \times 1)$
 $(3 \times 10^7) + (7 \times 10^5) + (4 \times 10^4) + (1 \times 10^3) + (8 \times 10^2) + (3 \times 10^1) + (3 \times 10^0)$

49 189 259 $40\,000\,000 + 9\,000\,000 + 100\,000 + 80\,000 + 9000 + 200 + 50 + 9$
 $(4 \times 10\,000\,000) + (9 \times 1\,000\,000) + (1 \times 100\,000) + (8 \times 10\,000) + (9 \times 1000) + (2 \times 100) + (5 \times 10) + (9 \times 1)$
 $(4 \times 10^7) + (9 \times 10^6) + (1 \times 10^5) + (8 \times 10^4) + (9 \times 10^3) + (2 \times 10^2) + (5 \times 10^1) + (9 \times 10^0)$