

Expanded Form (SI) (A)

Name: _____

Date: _____

Write each number in expanded form.

25 949 842

99 423 544

63 745 915

11 333 576

39 066 278

15 215 813

22 213 661

30 755 051

96 721 577

29 256 250

Expanded Form (SI) (A) Answers

Name: _____

Date: _____

Write each number in expanded form.

25 949 842 $20\,000\,000 + 5\,000\,000 + 900\,000 + 40\,000 + 9000 + 800 + 40 + 2$
 $(2 \times 10\,000\,000) + (5 \times 1\,000\,000) + (9 \times 100\,000) + (4 \times 10\,000) + (9 \times 1000) + (8 \times 100) + (4 \times 10) + (2 \times 1)$
 $(2 \times 10^7) + (5 \times 10^6) + (9 \times 10^5) + (4 \times 10^4) + (9 \times 10^3) + (8 \times 10^2) + (4 \times 10^1) + (2 \times 10^0)$

99 423 544 $90\,000\,000 + 9\,000\,000 + 400\,000 + 20\,000 + 3000 + 500 + 40 + 4$
 $(9 \times 10\,000\,000) + (9 \times 1\,000\,000) + (4 \times 100\,000) + (2 \times 10\,000) + (3 \times 1000) + (5 \times 100) + (4 \times 10) + (4 \times 1)$
 $(9 \times 10^7) + (9 \times 10^6) + (4 \times 10^5) + (2 \times 10^4) + (3 \times 10^3) + (5 \times 10^2) + (4 \times 10^1) + (4 \times 10^0)$

63 745 915 $60\,000\,000 + 3\,000\,000 + 700\,000 + 40\,000 + 5000 + 900 + 10 + 5$
 $(6 \times 10\,000\,000) + (3 \times 1\,000\,000) + (7 \times 100\,000) + (4 \times 10\,000) + (5 \times 1000) + (9 \times 100) + (1 \times 10) + (5 \times 1)$
 $(6 \times 10^7) + (3 \times 10^6) + (7 \times 10^5) + (4 \times 10^4) + (5 \times 10^3) + (9 \times 10^2) + (1 \times 10^1) + (5 \times 10^0)$

11 333 576 $10\,000\,000 + 1\,000\,000 + 300\,000 + 30\,000 + 3000 + 500 + 70 + 6$
 $(1 \times 10\,000\,000) + (1 \times 1\,000\,000) + (3 \times 100\,000) + (3 \times 10\,000) + (3 \times 1000) + (5 \times 100) + (7 \times 10) + (6 \times 1)$
 $(1 \times 10^7) + (1 \times 10^6) + (3 \times 10^5) + (3 \times 10^4) + (3 \times 10^3) + (5 \times 10^2) + (7 \times 10^1) + (6 \times 10^0)$

39 066 278 $30\,000\,000 + 9\,000\,000 + 60\,000 + 6000 + 200 + 70 + 8$
 $(3 \times 10\,000\,000) + (9 \times 1\,000\,000) + (6 \times 10\,000) + (6 \times 1000) + (2 \times 100) + (7 \times 10) + (8 \times 1)$
 $(3 \times 10^7) + (9 \times 10^6) + (6 \times 10^4) + (6 \times 10^3) + (2 \times 10^2) + (7 \times 10^1) + (8 \times 10^0)$

15 215 813 $10\,000\,000 + 5\,000\,000 + 200\,000 + 10\,000 + 5000 + 800 + 10 + 3$
 $(1 \times 10\,000\,000) + (5 \times 1\,000\,000) + (2 \times 100\,000) + (1 \times 10\,000) + (5 \times 1000) + (8 \times 100) + (1 \times 10) + (3 \times 1)$
 $(1 \times 10^7) + (5 \times 10^6) + (2 \times 10^5) + (1 \times 10^4) + (5 \times 10^3) + (8 \times 10^2) + (1 \times 10^1) + (3 \times 10^0)$

22 213 661 $20\,000\,000 + 2\,000\,000 + 200\,000 + 10\,000 + 3000 + 600 + 60 + 1$
 $(2 \times 10\,000\,000) + (2 \times 1\,000\,000) + (2 \times 100\,000) + (1 \times 10\,000) + (3 \times 1000) + (6 \times 100) + (6 \times 10) + (1 \times 1)$
 $(2 \times 10^7) + (2 \times 10^6) + (2 \times 10^5) + (1 \times 10^4) + (3 \times 10^3) + (6 \times 10^2) + (6 \times 10^1) + (1 \times 10^0)$

30 755 051 $30\,000\,000 + 700\,000 + 50\,000 + 5000 + 50 + 1$
 $(3 \times 10\,000\,000) + (7 \times 100\,000) + (5 \times 10\,000) + (5 \times 1000) + (5 \times 10) + (1 \times 1)$
 $(3 \times 10^7) + (7 \times 10^5) + (5 \times 10^4) + (5 \times 10^3) + (5 \times 10^1) + (1 \times 10^0)$

96 721 577 $90\,000\,000 + 6\,000\,000 + 700\,000 + 20\,000 + 1000 + 500 + 70 + 7$
 $(9 \times 10\,000\,000) + (6 \times 1\,000\,000) + (7 \times 100\,000) + (2 \times 10\,000) + (1 \times 1000) + (5 \times 100) + (7 \times 10) + (7 \times 1)$
 $(9 \times 10^7) + (6 \times 10^6) + (7 \times 10^5) + (2 \times 10^4) + (1 \times 10^3) + (5 \times 10^2) + (7 \times 10^1) + (7 \times 10^0)$

29 256 250 $20\,000\,000 + 9\,000\,000 + 200\,000 + 50\,000 + 6000 + 200 + 50$
 $(2 \times 10\,000\,000) + (9 \times 1\,000\,000) + (2 \times 100\,000) + (5 \times 10\,000) + (6 \times 1000) + (2 \times 100) + (5 \times 10)$
 $(2 \times 10^7) + (9 \times 10^6) + (2 \times 10^5) + (5 \times 10^4) + (6 \times 10^3) + (2 \times 10^2) + (5 \times 10^1)$