

Expanded Form (SI) (C)

Name: _____

Date: _____

Write each number in expanded form.

74 191 125

43 331 521

92 246 866

90 934 403

76 077 544

62 503 186

86 816 917

34 444 885

78 771 653

42 006 229

Expanded Form (SI) (C) Answers

Name: _____

Date: _____

Write each number in expanded form.

74 191 125 $70\,000\,000 + 4\,000\,000 + 100\,000 + 90\,000 + 1000 + 100 + 20 + 5$
 $(7 \times 10\,000\,000) + (4 \times 1\,000\,000) + (1 \times 100\,000) + (9 \times 10\,000) + (1 \times 1000) + (1 \times 100) + (2 \times 10) + (5 \times 1)$
 $(7 \times 10^7) + (4 \times 10^6) + (1 \times 10^5) + (9 \times 10^4) + (1 \times 10^3) + (1 \times 10^2) + (2 \times 10^1) + (5 \times 10^0)$

43 331 521 $40\,000\,000 + 3\,000\,000 + 300\,000 + 30\,000 + 1000 + 500 + 20 + 1$
 $(4 \times 10\,000\,000) + (3 \times 1\,000\,000) + (3 \times 100\,000) + (3 \times 10\,000) + (1 \times 1000) + (5 \times 100) + (2 \times 10) + (1 \times 1)$
 $(4 \times 10^7) + (3 \times 10^6) + (3 \times 10^5) + (3 \times 10^4) + (1 \times 10^3) + (5 \times 10^2) + (2 \times 10^1) + (1 \times 10^0)$

92 246 866 $90\,000\,000 + 2\,000\,000 + 200\,000 + 40\,000 + 6000 + 800 + 60 + 6$
 $(9 \times 10\,000\,000) + (2 \times 1\,000\,000) + (2 \times 100\,000) + (4 \times 10\,000) + (6 \times 1000) + (8 \times 100) + (6 \times 10) + (6 \times 1)$
 $(9 \times 10^7) + (2 \times 10^6) + (2 \times 10^5) + (4 \times 10^4) + (6 \times 10^3) + (8 \times 10^2) + (6 \times 10^1) + (6 \times 10^0)$

90 934 403 $90\,000\,000 + 900\,000 + 30\,000 + 4000 + 400 + 3$
 $(9 \times 10\,000\,000) + (9 \times 100\,000) + (3 \times 10\,000) + (4 \times 1000) + (4 \times 100) + (3 \times 1)$
 $(9 \times 10^7) + (9 \times 10^5) + (3 \times 10^4) + (4 \times 10^3) + (4 \times 10^2) + (3 \times 10^0)$

76 077 544 $70\,000\,000 + 6\,000\,000 + 70\,000 + 7000 + 500 + 40 + 4$
 $(7 \times 10\,000\,000) + (6 \times 1\,000\,000) + (7 \times 10\,000) + (7 \times 1000) + (5 \times 100) + (4 \times 10) + (4 \times 1)$
 $(7 \times 10^7) + (6 \times 10^6) + (7 \times 10^4) + (7 \times 10^3) + (5 \times 10^2) + (4 \times 10^1) + (4 \times 10^0)$

62 503 186 $60\,000\,000 + 2\,000\,000 + 500\,000 + 3000 + 100 + 80 + 6$
 $(6 \times 10\,000\,000) + (2 \times 1\,000\,000) + (5 \times 100\,000) + (3 \times 1000) + (1 \times 100) + (8 \times 10) + (6 \times 1)$
 $(6 \times 10^7) + (2 \times 10^6) + (5 \times 10^5) + (3 \times 10^3) + (1 \times 10^2) + (8 \times 10^1) + (6 \times 10^0)$

86 816 917 $80\,000\,000 + 6\,000\,000 + 800\,000 + 10\,000 + 6000 + 900 + 10 + 7$
 $(8 \times 10\,000\,000) + (6 \times 1\,000\,000) + (8 \times 100\,000) + (1 \times 10\,000) + (6 \times 1000) + (9 \times 100) + (1 \times 10) + (7 \times 1)$
 $(8 \times 10^7) + (6 \times 10^6) + (8 \times 10^5) + (1 \times 10^4) + (6 \times 10^3) + (9 \times 10^2) + (1 \times 10^1) + (7 \times 10^0)$

34 444 885 $30\,000\,000 + 4\,000\,000 + 400\,000 + 40\,000 + 4000 + 800 + 80 + 5$
 $(3 \times 10\,000\,000) + (4 \times 1\,000\,000) + (4 \times 100\,000) + (4 \times 10\,000) + (4 \times 1000) + (8 \times 100) + (8 \times 10) + (5 \times 1)$
 $(3 \times 10^7) + (4 \times 10^6) + (4 \times 10^5) + (4 \times 10^4) + (4 \times 10^3) + (8 \times 10^2) + (8 \times 10^1) + (5 \times 10^0)$

78 771 653 $70\,000\,000 + 8\,000\,000 + 700\,000 + 70\,000 + 1000 + 600 + 50 + 3$
 $(7 \times 10\,000\,000) + (8 \times 1\,000\,000) + (7 \times 100\,000) + (7 \times 10\,000) + (1 \times 1000) + (6 \times 100) + (5 \times 10) + (3 \times 1)$
 $(7 \times 10^7) + (8 \times 10^6) + (7 \times 10^5) + (7 \times 10^4) + (1 \times 10^3) + (6 \times 10^2) + (5 \times 10^1) + (3 \times 10^0)$

42 006 229 $40\,000\,000 + 2\,000\,000 + 6000 + 200 + 20 + 9$
 $(4 \times 10\,000\,000) + (2 \times 1\,000\,000) + (6 \times 1000) + (2 \times 100) + (2 \times 10) + (9 \times 1)$
 $(4 \times 10^7) + (2 \times 10^6) + (6 \times 10^3) + (2 \times 10^2) + (2 \times 10^1) + (9 \times 10^0)$