

Expanded Form (SI) (J)

Name: _____

Date: _____

Write each number in expanded form.

43 354 651

41 389 997

58 814 588

29 900 007

93 598 482

43 824 988

62 892 527

63 740 285

19 647 225

36 633 482

Expanded Form (SI) (J) Answers

Name: _____

Date: _____

Write each number in expanded form.

43 354 651 $40\,000\,000 + 3\,000\,000 + 300\,000 + 50\,000 + 4000 + 600 + 50 + 1$
 $(4 \times 10\,000\,000) + (3 \times 1\,000\,000) + (3 \times 100\,000) + (5 \times 10\,000) + (4 \times 1000) + (6 \times 100) + (5 \times 10) + (1 \times 1)$
 $(4 \times 10^7) + (3 \times 10^6) + (3 \times 10^5) + (5 \times 10^4) + (4 \times 10^3) + (6 \times 10^2) + (5 \times 10^1) + (1 \times 10^0)$

41 389 997 $40\,000\,000 + 1\,000\,000 + 300\,000 + 80\,000 + 9000 + 900 + 90 + 7$
 $(4 \times 10\,000\,000) + (1 \times 1\,000\,000) + (3 \times 100\,000) + (8 \times 10\,000) + (9 \times 1000) + (9 \times 100) + (9 \times 10) + (7 \times 1)$
 $(4 \times 10^7) + (1 \times 10^6) + (3 \times 10^5) + (8 \times 10^4) + (9 \times 10^3) + (9 \times 10^2) + (9 \times 10^1) + (7 \times 10^0)$

58 814 588 $50\,000\,000 + 8\,000\,000 + 800\,000 + 10\,000 + 4000 + 500 + 80 + 8$
 $(5 \times 10\,000\,000) + (8 \times 1\,000\,000) + (8 \times 100\,000) + (1 \times 10\,000) + (4 \times 1000) + (5 \times 100) + (8 \times 10) + (8 \times 1)$
 $(5 \times 10^7) + (8 \times 10^6) + (8 \times 10^5) + (1 \times 10^4) + (4 \times 10^3) + (5 \times 10^2) + (8 \times 10^1) + (8 \times 10^0)$

29 900 007 $20\,000\,000 + 9\,000\,000 + 900\,000 + 7$
 $(2 \times 10\,000\,000) + (9 \times 1\,000\,000) + (9 \times 100\,000) + (7 \times 1)$
 $(2 \times 10^7) + (9 \times 10^6) + (9 \times 10^5) + (7 \times 10^0)$

93 598 482 $90\,000\,000 + 3\,000\,000 + 500\,000 + 90\,000 + 8000 + 400 + 80 + 2$
 $(9 \times 10\,000\,000) + (3 \times 1\,000\,000) + (5 \times 100\,000) + (9 \times 10\,000) + (8 \times 1000) + (4 \times 100) + (8 \times 10) + (2 \times 1)$
 $(9 \times 10^7) + (3 \times 10^6) + (5 \times 10^5) + (9 \times 10^4) + (8 \times 10^3) + (4 \times 10^2) + (8 \times 10^1) + (2 \times 10^0)$

43 824 988 $40\,000\,000 + 3\,000\,000 + 800\,000 + 20\,000 + 4000 + 900 + 80 + 8$
 $(4 \times 10\,000\,000) + (3 \times 1\,000\,000) + (8 \times 100\,000) + (2 \times 10\,000) + (4 \times 1000) + (9 \times 100) + (8 \times 10) + (8 \times 1)$
 $(4 \times 10^7) + (3 \times 10^6) + (8 \times 10^5) + (2 \times 10^4) + (4 \times 10^3) + (9 \times 10^2) + (8 \times 10^1) + (8 \times 10^0)$

62 892 527 $60\,000\,000 + 2\,000\,000 + 800\,000 + 90\,000 + 2000 + 500 + 20 + 7$
 $(6 \times 10\,000\,000) + (2 \times 1\,000\,000) + (8 \times 100\,000) + (9 \times 10\,000) + (2 \times 1000) + (5 \times 100) + (2 \times 10) + (7 \times 1)$
 $(6 \times 10^7) + (2 \times 10^6) + (8 \times 10^5) + (9 \times 10^4) + (2 \times 10^3) + (5 \times 10^2) + (2 \times 10^1) + (7 \times 10^0)$

63 740 285 $60\,000\,000 + 3\,000\,000 + 700\,000 + 40\,000 + 200 + 80 + 5$
 $(6 \times 10\,000\,000) + (3 \times 1\,000\,000) + (7 \times 100\,000) + (4 \times 10\,000) + (2 \times 100) + (8 \times 10) + (5 \times 1)$
 $(6 \times 10^7) + (3 \times 10^6) + (7 \times 10^5) + (4 \times 10^4) + (2 \times 10^2) + (8 \times 10^1) + (5 \times 10^0)$

19 647 225 $10\,000\,000 + 9\,000\,000 + 600\,000 + 40\,000 + 7000 + 200 + 20 + 5$
 $(1 \times 10\,000\,000) + (9 \times 1\,000\,000) + (6 \times 100\,000) + (4 \times 10\,000) + (7 \times 1000) + (2 \times 100) + (2 \times 10) + (5 \times 1)$
 $(1 \times 10^7) + (9 \times 10^6) + (6 \times 10^5) + (4 \times 10^4) + (7 \times 10^3) + (2 \times 10^2) + (2 \times 10^1) + (5 \times 10^0)$

36 633 482 $30\,000\,000 + 6\,000\,000 + 600\,000 + 30\,000 + 3000 + 400 + 80 + 2$
 $(3 \times 10\,000\,000) + (6 \times 1\,000\,000) + (6 \times 100\,000) + (3 \times 10\,000) + (3 \times 1000) + (4 \times 100) + (8 \times 10) + (2 \times 1)$
 $(3 \times 10^7) + (6 \times 10^6) + (6 \times 10^5) + (3 \times 10^4) + (3 \times 10^3) + (4 \times 10^2) + (8 \times 10^1) + (2 \times 10^0)$