

Expanded Form (SI) (B)

Name: _____

Date: _____

Write each number in expanded form.

861 100 834

439 405 991

538 472 135

554 755 081

559 779 295

908 036 380

827 620 834

681 737 607

619 912 174

212 215 511

Expanded Form (SI) (B) Answers

Name: _____

Date: _____

Write each number in expanded form.

861 100 834 $800\,000\,000 + 60\,000\,000 + 1\,000\,000 + 100\,000 + 800 + 30 + 4$
 $(8 \times 100\,000\,000) + (6 \times 10\,000\,000) + (1 \times 1\,000\,000) + (1 \times 100\,000) + (8 \times 100) + (3 \times 10) + (4 \times 1)$
 $(8 \times 10^8) + (6 \times 10^7) + (1 \times 10^6) + (1 \times 10^5) + (8 \times 10^2) + (3 \times 10^1) + (4 \times 10^0)$

439 405 991 $400\,000\,000 + 30\,000\,000 + 9\,000\,000 + 400\,000 + 5000 + 900 + 90 + 1$
 $(4 \times 100\,000\,000) + (3 \times 10\,000\,000) + (9 \times 1\,000\,000) + (4 \times 100\,000) + (5 \times 1000) + (9 \times 100) + (9 \times 10) + (1 \times 1)$
 $(4 \times 10^8) + (3 \times 10^7) + (9 \times 10^6) + (4 \times 10^5) + (5 \times 10^3) + (9 \times 10^2) + (9 \times 10^1) + (1 \times 10^0)$

538 472 135 $500\,000\,000 + 30\,000\,000 + 8\,000\,000 + 400\,000 + 70\,000 + 2000 + 100 + 30 + 5$
 $(5 \times 100\,000\,000) + (3 \times 10\,000\,000) + (8 \times 1\,000\,000) + (4 \times 100\,000) + (7 \times 10\,000) + (2 \times 1000) + (1 \times 100) + (3 \times 10) + (5 \times 1)$
 $(5 \times 10^8) + (3 \times 10^7) + (8 \times 10^6) + (4 \times 10^5) + (7 \times 10^4) + (2 \times 10^3) + (1 \times 10^2) + (3 \times 10^1) + (5 \times 10^0)$

554 755 081 $500\,000\,000 + 50\,000\,000 + 4\,000\,000 + 700\,000 + 50\,000 + 5000 + 80 + 1$
 $(5 \times 100\,000\,000) + (5 \times 10\,000\,000) + (4 \times 1\,000\,000) + (7 \times 100\,000) + (5 \times 10\,000) + (5 \times 1000) + (8 \times 10) + (1 \times 1)$
 $(5 \times 10^8) + (5 \times 10^7) + (4 \times 10^6) + (7 \times 10^5) + (5 \times 10^4) + (5 \times 10^3) + (8 \times 10^1) + (1 \times 10^0)$

559 779 295 $500\,000\,000 + 50\,000\,000 + 9\,000\,000 + 700\,000 + 70\,000 + 9000 + 200 + 90 + 5$
 $(5 \times 100\,000\,000) + (5 \times 10\,000\,000) + (9 \times 1\,000\,000) + (7 \times 100\,000) + (7 \times 10\,000) + (9 \times 1000) + (2 \times 100) + (9 \times 10) + (5 \times 1)$
 $(5 \times 10^8) + (5 \times 10^7) + (9 \times 10^6) + (7 \times 10^5) + (7 \times 10^4) + (9 \times 10^3) + (2 \times 10^2) + (9 \times 10^1) + (5 \times 10^0)$

908 036 380 $900\,000\,000 + 8\,000\,000 + 30\,000 + 6000 + 300 + 80$
 $(9 \times 100\,000\,000) + (8 \times 1\,000\,000) + (3 \times 10\,000) + (6 \times 1000) + (3 \times 100) + (8 \times 10)$
 $(9 \times 10^8) + (8 \times 10^6) + (3 \times 10^4) + (6 \times 10^3) + (3 \times 10^2) + (8 \times 10^1)$

827 620 834 $800\,000\,000 + 20\,000\,000 + 7\,000\,000 + 600\,000 + 20\,000 + 800 + 30 + 4$
 $(8 \times 100\,000\,000) + (2 \times 10\,000\,000) + (7 \times 1\,000\,000) + (6 \times 100\,000) + (2 \times 10\,000) + (8 \times 100) + (3 \times 10) + (4 \times 1)$
 $(8 \times 10^8) + (2 \times 10^7) + (7 \times 10^6) + (6 \times 10^5) + (2 \times 10^4) + (8 \times 10^2) + (3 \times 10^1) + (4 \times 10^0)$

681 737 607 $600\,000\,000 + 80\,000\,000 + 1\,000\,000 + 700\,000 + 30\,000 + 7000 + 600 + 7$
 $(6 \times 100\,000\,000) + (8 \times 10\,000\,000) + (1 \times 1\,000\,000) + (7 \times 100\,000) + (3 \times 10\,000) + (7 \times 1000) + (6 \times 100) + (7 \times 1)$
 $(6 \times 10^8) + (8 \times 10^7) + (1 \times 10^6) + (7 \times 10^5) + (3 \times 10^4) + (7 \times 10^3) + (6 \times 10^2) + (7 \times 10^0)$

619 912 174 $600\,000\,000 + 10\,000\,000 + 9\,000\,000 + 900\,000 + 10\,000 + 2000 + 100 + 70 + 4$
 $(6 \times 100\,000\,000) + (1 \times 10\,000\,000) + (9 \times 1\,000\,000) + (9 \times 100\,000) + (1 \times 10\,000) + (2 \times 1000) + (1 \times 100) + (7 \times 10) + (4 \times 1)$
 $(6 \times 10^8) + (1 \times 10^7) + (9 \times 10^6) + (9 \times 10^5) + (1 \times 10^4) + (2 \times 10^3) + (1 \times 10^2) + (7 \times 10^1) + (4 \times 10^0)$

212 215 511 $200\,000\,000 + 10\,000\,000 + 2\,000\,000 + 200\,000 + 10\,000 + 5000 + 500 + 10 + 1$
 $(2 \times 100\,000\,000) + (1 \times 10\,000\,000) + (2 \times 1\,000\,000) + (2 \times 100\,000) + (1 \times 10\,000) + (5 \times 1000) + (5 \times 100) + (1 \times 10) + (1 \times 1)$
 $(2 \times 10^8) + (1 \times 10^7) + (2 \times 10^6) + (2 \times 10^5) + (1 \times 10^4) + (5 \times 10^3) + (5 \times 10^2) + (1 \times 10^1) + (1 \times 10^0)$