Expanded Form (SI) (E)

Name: _____ Date: _____

Write each number in expanded form.

4 743 412

1 996 913

2 981 146

6 167 930

2 486 250

4 506 541

2 513 296

4 882 967

4 178 667

8 213 839

Expanded Form (SI) (E) Answers

Name: _____ Date: _____

Write each number in expanded form.

4 743 412

$4\,000\,000 + 700\,000 + 40\,000 + 3000 + 400 + 10 + 2$

$(4 \times 1\,000\,000) + (7 \times 100\,000) + (4 \times 10\,000) + (3 \times 1000) + (4 \times 100) + (1 \times 10) + (2 \times 1)$

$(4 \times 10^6) + (7 \times 10^5) + (4 \times 10^4) + (3 \times 10^3) + (4 \times 10^2) + (1 \times 10^1) + (2 \times 10^0)$

1 996 913

$1\,000\,000 + 900\,000 + 90\,000 + 6000 + 900 + 10 + 3$

$(1 \times 1\,000\,000) + (9 \times 100\,000) + (9 \times 10\,000) + (6 \times 1000) + (9 \times 100) + (1 \times 10) + (3 \times 1)$

$(1 \times 10^6) + (9 \times 10^5) + (9 \times 10^4) + (6 \times 10^3) + (9 \times 10^2) + (1 \times 10^1) + (3 \times 10^0)$

2 981 146

$2\,000\,000 + 900\,000 + 80\,000 + 1000 + 100 + 40 + 6$

$(2 \times 1\,000\,000) + (9 \times 100\,000) + (8 \times 10\,000) + (1 \times 1000) + (1 \times 100) + (4 \times 10) + (6 \times 1)$

$(2 \times 10^6) + (9 \times 10^5) + (8 \times 10^4) + (1 \times 10^3) + (1 \times 10^2) + (4 \times 10^1) + (6 \times 10^0)$

6 167 930

$6\,000\,000 + 100\,000 + 60\,000 + 7000 + 900 + 30$

$(6 \times 1\,000\,000) + (1 \times 100\,000) + (6 \times 10\,000) + (7 \times 1000) + (9 \times 100) + (3 \times 10)$

$(6 \times 10^6) + (1 \times 10^5) + (6 \times 10^4) + (7 \times 10^3) + (9 \times 10^2) + (3 \times 10^1)$

2 486 250

$2\,000\,000 + 400\,000 + 80\,000 + 6000 + 200 + 50$

$(2 \times 1\,000\,000) + (4 \times 100\,000) + (8 \times 10\,000) + (6 \times 1000) + (2 \times 100) + (5 \times 10)$

$(2 \times 10^6) + (4 \times 10^5) + (8 \times 10^4) + (6 \times 10^3) + (2 \times 10^2) + (5 \times 10^1)$

4 506 541

$4\,000\,000 + 500\,000 + 6000 + 500 + 40 + 1$

$(4 \times 1\,000\,000) + (5 \times 100\,000) + (6 \times 1000) + (5 \times 100) + (4 \times 10) + (1 \times 1)$

$(4 \times 10^6) + (5 \times 10^5) + (6 \times 10^3) + (5 \times 10^2) + (4 \times 10^1) + (1 \times 10^0)$

2 513 296

$2\,000\,000 + 500\,000 + 10\,000 + 3000 + 200 + 90 + 6$

$(2 \times 1\,000\,000) + (5 \times 100\,000) + (1 \times 10\,000) + (3 \times 1000) + (2 \times 100) + (9 \times 10) + (6 \times 1)$

$(2 \times 10^6) + (5 \times 10^5) + (1 \times 10^4) + (3 \times 10^3) + (2 \times 10^2) + (9 \times 10^1) + (6 \times 10^0)$

4 882 967

$4\,000\,000 + 800\,000 + 80\,000 + 2000 + 900 + 60 + 7$

$(4 \times 1\,000\,000) + (8 \times 100\,000) + (8 \times 10\,000) + (2 \times 1000) + (9 \times 100) + (6 \times 10) + (7 \times 1)$

$(4 \times 10^6) + (8 \times 10^5) + (8 \times 10^4) + (2 \times 10^3) + (9 \times 10^2) + (6 \times 10^1) + (7 \times 10^0)$

4 178 667

$4\,000\,000 + 100\,000 + 70\,000 + 8000 + 600 + 60 + 7$

$(4 \times 1\,000\,000) + (1 \times 100\,000) + (7 \times 10\,000) + (8 \times 1000) + (6 \times 100) + (6 \times 10) + (7 \times 1)$

$(4 \times 10^6) + (1 \times 10^5) + (7 \times 10^4) + (8 \times 10^3) + (6 \times 10^2) + (6 \times 10^1) + (7 \times 10^0)$

8 213 839

$8\,000\,000 + 200\,000 + 10\,000 + 3000 + 800 + 30 + 9$

$(8 \times 1\,000\,000) + (2 \times 100\,000) + (1 \times 10\,000) + (3 \times 1000) + (8 \times 100) + (3 \times 10) + (9 \times 1)$

$(8 \times 10^6) + (2 \times 10^5) + (1 \times 10^4) + (3 \times 10^3) + (8 \times 10^2) + (3 \times 10^1) + (9 \times 10^0)$