Expanded Form (SI) (A)

Name: _____ Date: _____

Write each number in expanded form.

216 273

113 746

665 732

190 572

204 091

878 258

452 795

284 920

637 658

645 384

Expanded Form (SI) (A) Answers

Name: _____ Date: _____

Write each number in expanded form.

216 273

$200\,000 + 10\,000 + 6000 + 200 + 70 + 3$

$(2 \times 100\,000) + (1 \times 10\,000) + (6 \times 1000) + (2 \times 100) + (7 \times 10) + (3 \times 1)$

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

113 746

$100\,000 + 10\,000 + 3000 + 700 + 40 + 6$

$(1 \times 100\,000) + (1 \times 10\,000) + (3 \times 1000) + (7 \times 100) + (4 \times 10) + (6 \times 1)$

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

665 732

$600\,000 + 60\,000 + 5000 + 700 + 30 + 2$

$(6 \times 100\,000) + (6 \times 10\,000) + (5 \times 1000) + (7 \times 100) + (3 \times 10) + (2 \times 1)$

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

190 572

$100\,000 + 90\,000 + 500 + 70 + 2$

$(1 \times 100\,000) + (9 \times 10\,000) + (5 \times 100) + (7 \times 10) + (2 \times 1)$

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

204 091

$200\,000 + 4000 + 90 + 1$

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

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

878 258

$800\,000 + 70\,000 + 8000 + 200 + 50 + 8$

$(8 \times 100\,000) + (7 \times 10\,000) + (8 \times 1000) + (2 \times 100) + (5 \times 10) + (8 \times 1)$

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

452 795

$400\,000 + 50\,000 + 2000 + 700 + 90 + 5$

$(4 \times 100\,000) + (5 \times 10\,000) + (2 \times 1000) + (7 \times 100) + (9 \times 10) + (5 \times 1)$

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

284 920

$200\,000 + 80\,000 + 4000 + 900 + 20$

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

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

637 658

$600\,000 + 30\,000 + 7000 + 600 + 50 + 8$

$(6 \times 100\,000) + (3 \times 10\,000) + (7 \times 1000) + (6 \times 100) + (5 \times 10) + (8 \times 1)$

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

645 384

$600\,000 + 40\,000 + 5000 + 300 + 80 + 4$

$(6 \times 100\,000) + (4 \times 10\,000) + (5 \times 1000) + (3 \times 100) + (8 \times 10) + (4 \times 1)$

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

Expanded Form (SI) (B)

Name: _____ Date: _____

Write each number in expanded form.

913 234

814 798

616 618

315 775

731 199

784 055

185 198

926 705

560 270

779 618

Expanded Form (SI) (B) Answers

Name: _____ Date: _____

Write each number in expanded form.

913 234

$900\,000 + 10\,000 + 3000 + 200 + 30 + 4$

$(9 \times 100\,000) + (1 \times 10\,000) + (3 \times 1000) + (2 \times 100) + (3 \times 10) + (4 \times 1)$

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

814 798

$800\,000 + 10\,000 + 4000 + 700 + 90 + 8$

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

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

616 618

$600\,000 + 10\,000 + 6000 + 600 + 10 + 8$

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

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

315 775

$300\,000 + 10\,000 + 5000 + 700 + 70 + 5$

$(3 \times 100\,000) + (1 \times 10\,000) + (5 \times 1000) + (7 \times 100) + (7 \times 10) + (5 \times 1)$

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

731 199

$700\,000 + 30\,000 + 1000 + 100 + 90 + 9$

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

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

784 055

$700\,000 + 80\,000 + 4000 + 50 + 5$

$(7 \times 100\,000) + (8 \times 10\,000) + (4 \times 1000) + (5 \times 10) + (5 \times 1)$

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

185 198

$100\,000 + 80\,000 + 5000 + 100 + 90 + 8$

$(1 \times 100\,000) + (8 \times 10\,000) + (5 \times 1000) + (1 \times 100) + (9 \times 10) + (8 \times 1)$

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

926 705

$900\,000 + 20\,000 + 6000 + 700 + 5$

$(9 \times 100\,000) + (2 \times 10\,000) + (6 \times 1000) + (7 \times 100) + (5 \times 1)$

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

560 270

$500\,000 + 60\,000 + 200 + 70$

$(5 \times 100\,000) + (6 \times 10\,000) + (2 \times 100) + (7 \times 10)$

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

779 618

$700\,000 + 70\,000 + 9000 + 600 + 10 + 8$

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

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

Expanded Form (SI) (C)

Name: _____ Date: _____

Write each number in expanded form.

955 523

780 874

274 744

296 665

724 270

670 161

655 649

119 242

581 979

854 499

Expanded Form (SI) (C) Answers

Name: _____ Date: _____

Write each number in expanded form.

955 523

$900\,000 + 50\,000 + 5000 + 500 + 20 + 3$

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

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

780 874

$700\,000 + 80\,000 + 800 + 70 + 4$

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

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

274 744

$200\,000 + 70\,000 + 4000 + 700 + 40 + 4$

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

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

296 665

$200\,000 + 90\,000 + 6000 + 600 + 60 + 5$

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

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

724 270

$700\,000 + 20\,000 + 4000 + 200 + 70$

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

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

670 161

$600\,000 + 70\,000 + 100 + 60 + 1$

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

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

655 649

$600\,000 + 50\,000 + 5000 + 600 + 40 + 9$

$(6 \times 100\,000) + (5 \times 10\,000) + (5 \times 1000) + (6 \times 100) + (4 \times 10) + (9 \times 1)$

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

119 242

$100\,000 + 10\,000 + 9000 + 200 + 40 + 2$

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

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

581 979

$500\,000 + 80\,000 + 1000 + 900 + 70 + 9$

$(5 \times 100\,000) + (8 \times 10\,000) + (1 \times 1000) + (9 \times 100) + (7 \times 10) + (9 \times 1)$

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

854 499

$800\,000 + 50\,000 + 4000 + 400 + 90 + 9$

$(8 \times 100\,000) + (5 \times 10\,000) + (4 \times 1000) + (4 \times 100) + (9 \times 10) + (9 \times 1)$

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

Expanded Form (SI) (D)

Name: _____ Date: _____

Write each number in expanded form.

872 175

657 105

851 144

508 070

876 051

359 795

205 379

594 583

431 864

320 547

Expanded Form (SI) (D) Answers

Name: _____ Date: _____

Write each number in expanded form.

872 175

$800\,000 + 70\,000 + 2000 + 100 + 70 + 5$

$(8 \times 100\,000) + (7 \times 10\,000) + (2 \times 1000) + (1 \times 100) + (7 \times 10) + (5 \times 1)$

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

657 105

$600\,000 + 50\,000 + 7000 + 100 + 5$

$(6 \times 100\,000) + (5 \times 10\,000) + (7 \times 1000) + (1 \times 100) + (5 \times 1)$

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

851 144

$800\,000 + 50\,000 + 1000 + 100 + 40 + 4$

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

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

508 070

$500\,000 + 8000 + 70$

$(5 \times 100\,000) + (8 \times 1000) + (7 \times 10)$

$(5 \times 10^5) + (8 \times 10^3) + (7 \times 10^1)$

876 051

$800\,000 + 70\,000 + 6000 + 50 + 1$

$(8 \times 100\,000) + (7 \times 10\,000) + (6 \times 1000) + (5 \times 10) + (1 \times 1)$

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

359 795

$300\,000 + 50\,000 + 9000 + 700 + 90 + 5$

$(3 \times 100\,000) + (5 \times 10\,000) + (9 \times 1000) + (7 \times 100) + (9 \times 10) + (5 \times 1)$

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

205 379

$200\,000 + 5000 + 300 + 70 + 9$

$(2 \times 100\,000) + (5 \times 1000) + (3 \times 100) + (7 \times 10) + (9 \times 1)$

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

594 583

$500\,000 + 90\,000 + 4000 + 500 + 80 + 3$

$(5 \times 100\,000) + (9 \times 10\,000) + (4 \times 1000) + (5 \times 100) + (8 \times 10) + (3 \times 1)$

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

431 864

$400\,000 + 30\,000 + 1000 + 800 + 60 + 4$

$(4 \times 100\,000) + (3 \times 10\,000) + (1 \times 1000) + (8 \times 100) + (6 \times 10) + (4 \times 1)$

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

320 547

$300\,000 + 20\,000 + 500 + 40 + 7$

$(3 \times 100\,000) + (2 \times 10\,000) + (5 \times 100) + (4 \times 10) + (7 \times 1)$

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

Expanded Form (SI) (E)

Name: _____ Date: _____

Write each number in expanded form.

652 437

622 753

868 845

978 768

340 436

972 324

994 617

601 957

954 323

919 637

Expanded Form (SI) (E) Answers

Name: _____ Date: _____

Write each number in expanded form.

652 437

$600\,000 + 50\,000 + 2000 + 400 + 30 + 7$

$(6 \times 100\,000) + (5 \times 10\,000) + (2 \times 1000) + (4 \times 100) + (3 \times 10) + (7 \times 1)$

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

622 753

$600\,000 + 20\,000 + 2000 + 700 + 50 + 3$

$(6 \times 100\,000) + (2 \times 10\,000) + (2 \times 1000) + (7 \times 100) + (5 \times 10) + (3 \times 1)$

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

868 845

$800\,000 + 60\,000 + 8000 + 800 + 40 + 5$

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

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

978 768

$900\,000 + 70\,000 + 8000 + 700 + 60 + 8$

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

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

340 436

$300\,000 + 40\,000 + 400 + 30 + 6$

$(3 \times 100\,000) + (4 \times 10\,000) + (4 \times 100) + (3 \times 10) + (6 \times 1)$

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

972 324

$900\,000 + 70\,000 + 2000 + 300 + 20 + 4$

$(9 \times 100\,000) + (7 \times 10\,000) + (2 \times 1000) + (3 \times 100) + (2 \times 10) + (4 \times 1)$

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

994 617

$900\,000 + 90\,000 + 4000 + 600 + 10 + 7$

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

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

601 957

$600\,000 + 1000 + 900 + 50 + 7$

$(6 \times 100\,000) + (1 \times 1000) + (9 \times 100) + (5 \times 10) + (7 \times 1)$

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

954 323

$900\,000 + 50\,000 + 4000 + 300 + 20 + 3$

$(9 \times 100\,000) + (5 \times 10\,000) + (4 \times 1000) + (3 \times 100) + (2 \times 10) + (3 \times 1)$

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

919 637

$900\,000 + 10\,000 + 9000 + 600 + 30 + 7$

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

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

Expanded Form (SI) (F)

Name: _____ Date: _____

Write each number in expanded form.

728 862

935 312

446 148

861 804

220 820

878 063

341 964

152 737

205 955

611 270

Expanded Form (SI) (F) Answers

Name: _____ Date: _____

Write each number in expanded form.

728 862

$700\,000 + 20\,000 + 8000 + 800 + 60 + 2$

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

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

935 312

$900\,000 + 30\,000 + 5000 + 300 + 10 + 2$

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

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

446 148

$400\,000 + 40\,000 + 6000 + 100 + 40 + 8$

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

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

861 804

$800\,000 + 60\,000 + 1000 + 800 + 4$

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

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

220 820

$200\,000 + 20\,000 + 800 + 20$

$(2 \times 100\,000) + (2 \times 10\,000) + (8 \times 100) + (2 \times 10)$

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

878 063

$800\,000 + 70\,000 + 8000 + 60 + 3$

$(8 \times 100\,000) + (7 \times 10\,000) + (8 \times 1000) + (6 \times 10) + (3 \times 1)$

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

341 964

$300\,000 + 40\,000 + 1000 + 900 + 60 + 4$

$(3 \times 100\,000) + (4 \times 10\,000) + (1 \times 1000) + (9 \times 100) + (6 \times 10) + (4 \times 1)$

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

152 737

$100\,000 + 50\,000 + 2000 + 700 + 30 + 7$

$(1 \times 100\,000) + (5 \times 10\,000) + (2 \times 1000) + (7 \times 100) + (3 \times 10) + (7 \times 1)$

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

205 955

$200\,000 + 5000 + 900 + 50 + 5$

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

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

611 270

$600\,000 + 10\,000 + 1000 + 200 + 70$

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

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

Expanded Form (SI) (G)

Name: _____ Date: _____

Write each number in expanded form.

607 594

416 337

510 607

960 492

689 200

867 151

116 667

384 676

226 806

127 116

Expanded Form (SI) (G) Answers

Name: _____ Date: _____

Write each number in expanded form.

607 594

$600\,000 + 7000 + 500 + 90 + 4$

$(6 \times 100\,000) + (7 \times 1000) + (5 \times 100) + (9 \times 10) + (4 \times 1)$

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

416 337

$400\,000 + 10\,000 + 6000 + 300 + 30 + 7$

$(4 \times 100\,000) + (1 \times 10\,000) + (6 \times 1000) + (3 \times 100) + (3 \times 10) + (7 \times 1)$

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

510 607

$500\,000 + 10\,000 + 600 + 7$

$(5 \times 100\,000) + (1 \times 10\,000) + (6 \times 100) + (7 \times 1)$

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

960 492

$900\,000 + 60\,000 + 400 + 90 + 2$

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

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

689 200

$600\,000 + 80\,000 + 9000 + 200$

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

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

867 151

$800\,000 + 60\,000 + 7000 + 100 + 50 + 1$

$(8 \times 100\,000) + (6 \times 10\,000) + (7 \times 1000) + (1 \times 100) + (5 \times 10) + (1 \times 1)$

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

116 667

$100\,000 + 10\,000 + 6000 + 600 + 60 + 7$

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

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

384 676

$300\,000 + 80\,000 + 4000 + 600 + 70 + 6$

$(3 \times 100\,000) + (8 \times 10\,000) + (4 \times 1000) + (6 \times 100) + (7 \times 10) + (6 \times 1)$

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

226 806

$200\,000 + 20\,000 + 6000 + 800 + 6$

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

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

127 116

$100\,000 + 20\,000 + 7000 + 100 + 10 + 6$

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

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

Expanded Form (SI) (H)

Name: _____ Date: _____

Write each number in expanded form.

527 955

893 950

499 448

571 827

188 612

752 921

958 249

362 929

299 248

119 785

Expanded Form (SI) (H) Answers

Name: _____ Date: _____

Write each number in expanded form.

527 955

$500\,000 + 20\,000 + 7000 + 900 + 50 + 5$

$(5 \times 100\,000) + (2 \times 10\,000) + (7 \times 1000) + (9 \times 100) + (5 \times 10) + (5 \times 1)$

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

893 950

$800\,000 + 90\,000 + 3000 + 900 + 50$

$(8 \times 100\,000) + (9 \times 10\,000) + (3 \times 1000) + (9 \times 100) + (5 \times 10)$

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

499 448

$400\,000 + 90\,000 + 9000 + 400 + 40 + 8$

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

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

571 827

$500\,000 + 70\,000 + 1000 + 800 + 20 + 7$

$(5 \times 100\,000) + (7 \times 10\,000) + (1 \times 1000) + (8 \times 100) + (2 \times 10) + (7 \times 1)$

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

188 612

$100\,000 + 80\,000 + 8000 + 600 + 10 + 2$

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

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

752 921

$700\,000 + 50\,000 + 2000 + 900 + 20 + 1$

$(7 \times 100\,000) + (5 \times 10\,000) + (2 \times 1000) + (9 \times 100) + (2 \times 10) + (1 \times 1)$

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

958 249

$900\,000 + 50\,000 + 8000 + 200 + 40 + 9$

$(9 \times 100\,000) + (5 \times 10\,000) + (8 \times 1000) + (2 \times 100) + (4 \times 10) + (9 \times 1)$

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

362 929

$300\,000 + 60\,000 + 2000 + 900 + 20 + 9$

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

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

299 248

$200\,000 + 90\,000 + 9000 + 200 + 40 + 8$

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

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

119 785

$100\,000 + 10\,000 + 9000 + 700 + 80 + 5$

$(1 \times 100\,000) + (1 \times 10\,000) + (9 \times 1000) + (7 \times 100) + (8 \times 10) + (5 \times 1)$

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

Expanded Form (SI) (I)

Name: _____ Date: _____

Write each number in expanded form.

128 932

133 211

167 176

754 584

651 477

160 852

637 402

306 541

523 668

968 698

Expanded Form (SI) (I) Answers

Name: _____ Date: _____

Write each number in expanded form.

128 932

$100\,000 + 20\,000 + 8000 + 900 + 30 + 2$

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

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

133 211

$100\,000 + 30\,000 + 3000 + 200 + 10 + 1$

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

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

167 176

$100\,000 + 60\,000 + 7000 + 100 + 70 + 6$

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

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

754 584

$700\,000 + 50\,000 + 4000 + 500 + 80 + 4$

$(7 \times 100\,000) + (5 \times 10\,000) + (4 \times 1000) + (5 \times 100) + (8 \times 10) + (4 \times 1)$

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

651 477

$600\,000 + 50\,000 + 1000 + 400 + 70 + 7$

$(6 \times 100\,000) + (5 \times 10\,000) + (1 \times 1000) + (4 \times 100) + (7 \times 10) + (7 \times 1)$

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

160 852

$100\,000 + 60\,000 + 800 + 50 + 2$

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

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

637 402

$600\,000 + 30\,000 + 7000 + 400 + 2$

$(6 \times 100\,000) + (3 \times 10\,000) + (7 \times 1000) + (4 \times 100) + (2 \times 1)$

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

306 541

$300\,000 + 6000 + 500 + 40 + 1$

$(3 \times 100\,000) + (6 \times 1000) + (5 \times 100) + (4 \times 10) + (1 \times 1)$

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

523 668

$500\,000 + 20\,000 + 3000 + 600 + 60 + 8$

$(5 \times 100\,000) + (2 \times 10\,000) + (3 \times 1000) + (6 \times 100) + (6 \times 10) + (8 \times 1)$

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

968 698

$900\,000 + 60\,000 + 8000 + 600 + 90 + 8$

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

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

Expanded Form (SI) (J)

Name: _____ Date: _____

Write each number in expanded form.

412 219

394 119

327 366

673 169

329 569

733 171

571 575

264 142

638 439

448 792

Expanded Form (SI) (J) Answers

Name: _____ Date: _____

Write each number in expanded form.

412 219

$400\,000 + 10\,000 + 2000 + 200 + 10 + 9$

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

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

394 119

$300\,000 + 90\,000 + 4000 + 100 + 10 + 9$

$(3 \times 100\,000) + (9 \times 10\,000) + (4 \times 1000) + (1 \times 100) + (1 \times 10) + (9 \times 1)$

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

327 366

$300\,000 + 20\,000 + 7000 + 300 + 60 + 6$

$(3 \times 100\,000) + (2 \times 10\,000) + (7 \times 1000) + (3 \times 100) + (6 \times 10) + (6 \times 1)$

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

673 169

$600\,000 + 70\,000 + 3000 + 100 + 60 + 9$

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

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

329 569

$300\,000 + 20\,000 + 9000 + 500 + 60 + 9$

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

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

733 171

$700\,000 + 30\,000 + 3000 + 100 + 70 + 1$

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

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

571 575

$500\,000 + 70\,000 + 1000 + 500 + 70 + 5$

$(5 \times 100\,000) + (7 \times 10\,000) + (1 \times 1000) + (5 \times 100) + (7 \times 10) + (5 \times 1)$

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

264 142

$200\,000 + 60\,000 + 4000 + 100 + 40 + 2$

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

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

638 439

$600\,000 + 30\,000 + 8000 + 400 + 30 + 9$

$(6 \times 100\,000) + (3 \times 10\,000) + (8 \times 1000) + (4 \times 100) + (3 \times 10) + (9 \times 1)$

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

448 792

$400\,000 + 40\,000 + 8000 + 700 + 90 + 2$

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

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