

Expanded Form (SI) (A)

Name: _____

Date: _____

Write each number in expanded form.

94 739

85 337

44 912

59 368

43 942

38 103

15 968

90 282

82 706

98 325

Expanded Form (SI) (A) Answers

Name: _____

Date: _____

Write each number in expanded form.

$$\begin{aligned} 94\,739 & \quad 90\,000 + 4000 + 700 + 30 + 9 \\ & \quad (9 \times 10\,000) + (4 \times 1000) + (7 \times 100) + (3 \times 10) + (9 \times 1) \\ & \quad (9 \times 10^4) + (4 \times 10^3) + (7 \times 10^2) + (3 \times 10^1) + (9 \times 10^0) \end{aligned}$$

$$\begin{aligned} 85\,337 & \quad 80\,000 + 5000 + 300 + 30 + 7 \\ & \quad (8 \times 10\,000) + (5 \times 1000) + (3 \times 100) + (3 \times 10) + (7 \times 1) \\ & \quad (8 \times 10^4) + (5 \times 10^3) + (3 \times 10^2) + (3 \times 10^1) + (7 \times 10^0) \end{aligned}$$

$$\begin{aligned} 44\,912 & \quad 40\,000 + 4000 + 900 + 10 + 2 \\ & \quad (4 \times 10\,000) + (4 \times 1000) + (9 \times 100) + (1 \times 10) + (2 \times 1) \\ & \quad (4 \times 10^4) + (4 \times 10^3) + (9 \times 10^2) + (1 \times 10^1) + (2 \times 10^0) \end{aligned}$$

$$\begin{aligned} 59\,368 & \quad 50\,000 + 9000 + 300 + 60 + 8 \\ & \quad (5 \times 10\,000) + (9 \times 1000) + (3 \times 100) + (6 \times 10) + (8 \times 1) \\ & \quad (5 \times 10^4) + (9 \times 10^3) + (3 \times 10^2) + (6 \times 10^1) + (8 \times 10^0) \end{aligned}$$

$$\begin{aligned} 43\,942 & \quad 40\,000 + 3000 + 900 + 40 + 2 \\ & \quad (4 \times 10\,000) + (3 \times 1000) + (9 \times 100) + (4 \times 10) + (2 \times 1) \\ & \quad (4 \times 10^4) + (3 \times 10^3) + (9 \times 10^2) + (4 \times 10^1) + (2 \times 10^0) \end{aligned}$$

$$\begin{aligned} 38\,103 & \quad 30\,000 + 8000 + 100 + 3 \\ & \quad (3 \times 10\,000) + (8 \times 1000) + (1 \times 100) + (3 \times 1) \\ & \quad (3 \times 10^4) + (8 \times 10^3) + (1 \times 10^2) + (3 \times 10^0) \end{aligned}$$

$$\begin{aligned} 15\,968 & \quad 10\,000 + 5000 + 900 + 60 + 8 \\ & \quad (1 \times 10\,000) + (5 \times 1000) + (9 \times 100) + (6 \times 10) + (8 \times 1) \\ & \quad (1 \times 10^4) + (5 \times 10^3) + (9 \times 10^2) + (6 \times 10^1) + (8 \times 10^0) \end{aligned}$$

$$\begin{aligned} 90\,282 & \quad 90\,000 + 200 + 80 + 2 \\ & \quad (9 \times 10\,000) + (2 \times 100) + (8 \times 10) + (2 \times 1) \\ & \quad (9 \times 10^4) + (2 \times 10^2) + (8 \times 10^1) + (2 \times 10^0) \end{aligned}$$

$$\begin{aligned} 82\,706 & \quad 80\,000 + 2000 + 700 + 6 \\ & \quad (8 \times 10\,000) + (2 \times 1000) + (7 \times 100) + (6 \times 1) \\ & \quad (8 \times 10^4) + (2 \times 10^3) + (7 \times 10^2) + (6 \times 10^0) \end{aligned}$$

$$\begin{aligned} 98\,325 & \quad 90\,000 + 8000 + 300 + 20 + 5 \\ & \quad (9 \times 10\,000) + (8 \times 1000) + (3 \times 100) + (2 \times 10) + (5 \times 1) \\ & \quad (9 \times 10^4) + (8 \times 10^3) + (3 \times 10^2) + (2 \times 10^1) + (5 \times 10^0) \end{aligned}$$

Expanded Form (SI) (B)

Name: _____

Date: _____

Write each number in expanded form.

18 655

75 513

42 451

77 863

66 925

98 414

85 750

18 465

52 558

12 808

Expanded Form (SI) (B) Answers

Name: _____

Date: _____

Write each number in expanded form.

$$\begin{aligned} 18\ 655 & \quad 10\ 000 + 8000 + 600 + 50 + 5 \\ & \quad (1 \times 10\ 000) + (8 \times 1000) + (6 \times 100) + (5 \times 10) + (5 \times 1) \\ & \quad (1 \times 10^4) + (8 \times 10^3) + (6 \times 10^2) + (5 \times 10^1) + (5 \times 10^0) \end{aligned}$$

$$\begin{aligned} 75\ 513 & \quad 70\ 000 + 5000 + 500 + 10 + 3 \\ & \quad (7 \times 10\ 000) + (5 \times 1000) + (5 \times 100) + (1 \times 10) + (3 \times 1) \\ & \quad (7 \times 10^4) + (5 \times 10^3) + (5 \times 10^2) + (1 \times 10^1) + (3 \times 10^0) \end{aligned}$$

$$\begin{aligned} 42\ 451 & \quad 40\ 000 + 2000 + 400 + 50 + 1 \\ & \quad (4 \times 10\ 000) + (2 \times 1000) + (4 \times 100) + (5 \times 10) + (1 \times 1) \\ & \quad (4 \times 10^4) + (2 \times 10^3) + (4 \times 10^2) + (5 \times 10^1) + (1 \times 10^0) \end{aligned}$$

$$\begin{aligned} 77\ 863 & \quad 70\ 000 + 7000 + 800 + 60 + 3 \\ & \quad (7 \times 10\ 000) + (7 \times 1000) + (8 \times 100) + (6 \times 10) + (3 \times 1) \\ & \quad (7 \times 10^4) + (7 \times 10^3) + (8 \times 10^2) + (6 \times 10^1) + (3 \times 10^0) \end{aligned}$$

$$\begin{aligned} 66\ 925 & \quad 60\ 000 + 6000 + 900 + 20 + 5 \\ & \quad (6 \times 10\ 000) + (6 \times 1000) + (9 \times 100) + (2 \times 10) + (5 \times 1) \\ & \quad (6 \times 10^4) + (6 \times 10^3) + (9 \times 10^2) + (2 \times 10^1) + (5 \times 10^0) \end{aligned}$$

$$\begin{aligned} 98\ 414 & \quad 90\ 000 + 8000 + 400 + 10 + 4 \\ & \quad (9 \times 10\ 000) + (8 \times 1000) + (4 \times 100) + (1 \times 10) + (4 \times 1) \\ & \quad (9 \times 10^4) + (8 \times 10^3) + (4 \times 10^2) + (1 \times 10^1) + (4 \times 10^0) \end{aligned}$$

$$\begin{aligned} 85\ 750 & \quad 80\ 000 + 5000 + 700 + 50 \\ & \quad (8 \times 10\ 000) + (5 \times 1000) + (7 \times 100) + (5 \times 10) \\ & \quad (8 \times 10^4) + (5 \times 10^3) + (7 \times 10^2) + (5 \times 10^1) \end{aligned}$$

$$\begin{aligned} 18\ 465 & \quad 10\ 000 + 8000 + 400 + 60 + 5 \\ & \quad (1 \times 10\ 000) + (8 \times 1000) + (4 \times 100) + (6 \times 10) + (5 \times 1) \\ & \quad (1 \times 10^4) + (8 \times 10^3) + (4 \times 10^2) + (6 \times 10^1) + (5 \times 10^0) \end{aligned}$$

$$\begin{aligned} 52\ 558 & \quad 50\ 000 + 2000 + 500 + 50 + 8 \\ & \quad (5 \times 10\ 000) + (2 \times 1000) + (5 \times 100) + (5 \times 10) + (8 \times 1) \\ & \quad (5 \times 10^4) + (2 \times 10^3) + (5 \times 10^2) + (5 \times 10^1) + (8 \times 10^0) \end{aligned}$$

$$\begin{aligned} 12\ 808 & \quad 10\ 000 + 2000 + 800 + 8 \\ & \quad (1 \times 10\ 000) + (2 \times 1000) + (8 \times 100) + (8 \times 1) \\ & \quad (1 \times 10^4) + (2 \times 10^3) + (8 \times 10^2) + (8 \times 10^0) \end{aligned}$$

Expanded Form (SI) (C)

Name: _____

Date: _____

Write each number in expanded form.

70 245

73 906

47 380

49 134

85 631

89 905

73 328

93 113

60 152

74 843

Expanded Form (SI) (C) Answers

Name: _____

Date: _____

Write each number in expanded form.

$$\begin{aligned} 70\,245 & \quad 70\,000 + 200 + 40 + 5 \\ & \quad (7 \times 10\,000) + (2 \times 100) + (4 \times 10) + (5 \times 1) \\ & \quad (7 \times 10^4) + (2 \times 10^2) + (4 \times 10^1) + (5 \times 10^0) \end{aligned}$$

$$\begin{aligned} 73\,906 & \quad 70\,000 + 3000 + 900 + 6 \\ & \quad (7 \times 10\,000) + (3 \times 1000) + (9 \times 100) + (6 \times 1) \\ & \quad (7 \times 10^4) + (3 \times 10^3) + (9 \times 10^2) + (6 \times 10^0) \end{aligned}$$

$$\begin{aligned} 47\,380 & \quad 40\,000 + 7000 + 300 + 80 \\ & \quad (4 \times 10\,000) + (7 \times 1000) + (3 \times 100) + (8 \times 10) \\ & \quad (4 \times 10^4) + (7 \times 10^3) + (3 \times 10^2) + (8 \times 10^1) \end{aligned}$$

$$\begin{aligned} 49\,134 & \quad 40\,000 + 9000 + 100 + 30 + 4 \\ & \quad (4 \times 10\,000) + (9 \times 1000) + (1 \times 100) + (3 \times 10) + (4 \times 1) \\ & \quad (4 \times 10^4) + (9 \times 10^3) + (1 \times 10^2) + (3 \times 10^1) + (4 \times 10^0) \end{aligned}$$

$$\begin{aligned} 85\,631 & \quad 80\,000 + 5000 + 600 + 30 + 1 \\ & \quad (8 \times 10\,000) + (5 \times 1000) + (6 \times 100) + (3 \times 10) + (1 \times 1) \\ & \quad (8 \times 10^4) + (5 \times 10^3) + (6 \times 10^2) + (3 \times 10^1) + (1 \times 10^0) \end{aligned}$$

$$\begin{aligned} 89\,905 & \quad 80\,000 + 9000 + 900 + 5 \\ & \quad (8 \times 10\,000) + (9 \times 1000) + (9 \times 100) + (5 \times 1) \\ & \quad (8 \times 10^4) + (9 \times 10^3) + (9 \times 10^2) + (5 \times 10^0) \end{aligned}$$

$$\begin{aligned} 73\,328 & \quad 70\,000 + 3000 + 300 + 20 + 8 \\ & \quad (7 \times 10\,000) + (3 \times 1000) + (3 \times 100) + (2 \times 10) + (8 \times 1) \\ & \quad (7 \times 10^4) + (3 \times 10^3) + (3 \times 10^2) + (2 \times 10^1) + (8 \times 10^0) \end{aligned}$$

$$\begin{aligned} 93\,113 & \quad 90\,000 + 3000 + 100 + 10 + 3 \\ & \quad (9 \times 10\,000) + (3 \times 1000) + (1 \times 100) + (1 \times 10) + (3 \times 1) \\ & \quad (9 \times 10^4) + (3 \times 10^3) + (1 \times 10^2) + (1 \times 10^1) + (3 \times 10^0) \end{aligned}$$

$$\begin{aligned} 60\,152 & \quad 60\,000 + 100 + 50 + 2 \\ & \quad (6 \times 10\,000) + (1 \times 100) + (5 \times 10) + (2 \times 1) \\ & \quad (6 \times 10^4) + (1 \times 10^2) + (5 \times 10^1) + (2 \times 10^0) \end{aligned}$$

$$\begin{aligned} 74\,843 & \quad 70\,000 + 4000 + 800 + 40 + 3 \\ & \quad (7 \times 10\,000) + (4 \times 1000) + (8 \times 100) + (4 \times 10) + (3 \times 1) \\ & \quad (7 \times 10^4) + (4 \times 10^3) + (8 \times 10^2) + (4 \times 10^1) + (3 \times 10^0) \end{aligned}$$

Expanded Form (SI) (D)

Name: _____

Date: _____

Write each number in expanded form.

71 315

82 604

66 160

71 337

73 798

98 961

96 844

64 412

22 992

31 151

Expanded Form (SI) (D) Answers

Name: _____

Date: _____

Write each number in expanded form.

$$\begin{aligned} 71\,315 & \quad 70\,000 + 1\,000 + 300 + 10 + 5 \\ & \quad (7 \times 10\,000) + (1 \times 1\,000) + (3 \times 100) + (1 \times 10) + (5 \times 1) \\ & \quad (7 \times 10^4) + (1 \times 10^3) + (3 \times 10^2) + (1 \times 10^1) + (5 \times 10^0) \end{aligned}$$

$$\begin{aligned} 82\,604 & \quad 80\,000 + 2\,000 + 600 + 4 \\ & \quad (8 \times 10\,000) + (2 \times 1\,000) + (6 \times 100) + (4 \times 1) \\ & \quad (8 \times 10^4) + (2 \times 10^3) + (6 \times 10^2) + (4 \times 10^0) \end{aligned}$$

$$\begin{aligned} 66\,160 & \quad 60\,000 + 6\,000 + 100 + 60 \\ & \quad (6 \times 10\,000) + (6 \times 1\,000) + (1 \times 100) + (6 \times 10) \\ & \quad (6 \times 10^4) + (6 \times 10^3) + (1 \times 10^2) + (6 \times 10^1) \end{aligned}$$

$$\begin{aligned} 71\,337 & \quad 70\,000 + 1\,000 + 300 + 30 + 7 \\ & \quad (7 \times 10\,000) + (1 \times 1\,000) + (3 \times 100) + (3 \times 10) + (7 \times 1) \\ & \quad (7 \times 10^4) + (1 \times 10^3) + (3 \times 10^2) + (3 \times 10^1) + (7 \times 10^0) \end{aligned}$$

$$\begin{aligned} 73\,798 & \quad 70\,000 + 3\,000 + 700 + 90 + 8 \\ & \quad (7 \times 10\,000) + (3 \times 1\,000) + (7 \times 100) + (9 \times 10) + (8 \times 1) \\ & \quad (7 \times 10^4) + (3 \times 10^3) + (7 \times 10^2) + (9 \times 10^1) + (8 \times 10^0) \end{aligned}$$

$$\begin{aligned} 98\,961 & \quad 90\,000 + 8\,000 + 900 + 60 + 1 \\ & \quad (9 \times 10\,000) + (8 \times 1\,000) + (9 \times 100) + (6 \times 10) + (1 \times 1) \\ & \quad (9 \times 10^4) + (8 \times 10^3) + (9 \times 10^2) + (6 \times 10^1) + (1 \times 10^0) \end{aligned}$$

$$\begin{aligned} 96\,844 & \quad 90\,000 + 6\,000 + 800 + 40 + 4 \\ & \quad (9 \times 10\,000) + (6 \times 1\,000) + (8 \times 100) + (4 \times 10) + (4 \times 1) \\ & \quad (9 \times 10^4) + (6 \times 10^3) + (8 \times 10^2) + (4 \times 10^1) + (4 \times 10^0) \end{aligned}$$

$$\begin{aligned} 64\,412 & \quad 60\,000 + 4\,000 + 400 + 10 + 2 \\ & \quad (6 \times 10\,000) + (4 \times 1\,000) + (4 \times 100) + (1 \times 10) + (2 \times 1) \\ & \quad (6 \times 10^4) + (4 \times 10^3) + (4 \times 10^2) + (1 \times 10^1) + (2 \times 10^0) \end{aligned}$$

$$\begin{aligned} 22\,992 & \quad 20\,000 + 2\,000 + 900 + 90 + 2 \\ & \quad (2 \times 10\,000) + (2 \times 1\,000) + (9 \times 100) + (9 \times 10) + (2 \times 1) \\ & \quad (2 \times 10^4) + (2 \times 10^3) + (9 \times 10^2) + (9 \times 10^1) + (2 \times 10^0) \end{aligned}$$

$$\begin{aligned} 31\,151 & \quad 30\,000 + 1\,000 + 100 + 50 + 1 \\ & \quad (3 \times 10\,000) + (1 \times 1\,000) + (1 \times 100) + (5 \times 10) + (1 \times 1) \\ & \quad (3 \times 10^4) + (1 \times 10^3) + (1 \times 10^2) + (5 \times 10^1) + (1 \times 10^0) \end{aligned}$$

Expanded Form (SI) (E)

Name: _____

Date: _____

Write each number in expanded form.

22 463

74 484

74 562

40 713

78 727

30 218

61 266

12 904

19 905

57 543

Expanded Form (SI) (E) Answers

Name: _____

Date: _____

Write each number in expanded form.

$$\begin{aligned} 22\,463 & \quad 20\,000 + 2\,000 + 400 + 60 + 3 \\ & \quad (2 \times 10\,000) + (2 \times 1\,000) + (4 \times 100) + (6 \times 10) + (3 \times 1) \\ & \quad (2 \times 10^4) + (2 \times 10^3) + (4 \times 10^2) + (6 \times 10^1) + (3 \times 10^0) \end{aligned}$$

$$\begin{aligned} 74\,484 & \quad 70\,000 + 4\,000 + 400 + 80 + 4 \\ & \quad (7 \times 10\,000) + (4 \times 1\,000) + (4 \times 100) + (8 \times 10) + (4 \times 1) \\ & \quad (7 \times 10^4) + (4 \times 10^3) + (4 \times 10^2) + (8 \times 10^1) + (4 \times 10^0) \end{aligned}$$

$$\begin{aligned} 74\,562 & \quad 70\,000 + 4\,000 + 500 + 60 + 2 \\ & \quad (7 \times 10\,000) + (4 \times 1\,000) + (5 \times 100) + (6 \times 10) + (2 \times 1) \\ & \quad (7 \times 10^4) + (4 \times 10^3) + (5 \times 10^2) + (6 \times 10^1) + (2 \times 10^0) \end{aligned}$$

$$\begin{aligned} 40\,713 & \quad 40\,000 + 700 + 10 + 3 \\ & \quad (4 \times 10\,000) + (7 \times 100) + (1 \times 10) + (3 \times 1) \\ & \quad (4 \times 10^4) + (7 \times 10^2) + (1 \times 10^1) + (3 \times 10^0) \end{aligned}$$

$$\begin{aligned} 78\,727 & \quad 70\,000 + 8\,000 + 700 + 20 + 7 \\ & \quad (7 \times 10\,000) + (8 \times 1\,000) + (7 \times 100) + (2 \times 10) + (7 \times 1) \\ & \quad (7 \times 10^4) + (8 \times 10^3) + (7 \times 10^2) + (2 \times 10^1) + (7 \times 10^0) \end{aligned}$$

$$\begin{aligned} 30\,218 & \quad 30\,000 + 200 + 10 + 8 \\ & \quad (3 \times 10\,000) + (2 \times 100) + (1 \times 10) + (8 \times 1) \\ & \quad (3 \times 10^4) + (2 \times 10^2) + (1 \times 10^1) + (8 \times 10^0) \end{aligned}$$

$$\begin{aligned} 61\,266 & \quad 60\,000 + 1\,000 + 200 + 60 + 6 \\ & \quad (6 \times 10\,000) + (1 \times 1\,000) + (2 \times 100) + (6 \times 10) + (6 \times 1) \\ & \quad (6 \times 10^4) + (1 \times 10^3) + (2 \times 10^2) + (6 \times 10^1) + (6 \times 10^0) \end{aligned}$$

$$\begin{aligned} 12\,904 & \quad 10\,000 + 2\,000 + 900 + 4 \\ & \quad (1 \times 10\,000) + (2 \times 1\,000) + (9 \times 100) + (4 \times 1) \\ & \quad (1 \times 10^4) + (2 \times 10^3) + (9 \times 10^2) + (4 \times 10^0) \end{aligned}$$

$$\begin{aligned} 19\,905 & \quad 10\,000 + 9\,000 + 900 + 5 \\ & \quad (1 \times 10\,000) + (9 \times 1\,000) + (9 \times 100) + (5 \times 1) \\ & \quad (1 \times 10^4) + (9 \times 10^3) + (9 \times 10^2) + (5 \times 10^0) \end{aligned}$$

$$\begin{aligned} 57\,543 & \quad 50\,000 + 7\,000 + 500 + 40 + 3 \\ & \quad (5 \times 10\,000) + (7 \times 1\,000) + (5 \times 100) + (4 \times 10) + (3 \times 1) \\ & \quad (5 \times 10^4) + (7 \times 10^3) + (5 \times 10^2) + (4 \times 10^1) + (3 \times 10^0) \end{aligned}$$

Expanded Form (SI) (F)

Name: _____

Date: _____

Write each number in expanded form.

33 270

87 370

33 234

65 109

74 240

26 819

73 292

45 687

65 209

24 017

Expanded Form (SI) (F) Answers

Name: _____

Date: _____

Write each number in expanded form.

$$\begin{aligned} 33\,270 & \quad 30\,000 + 3\,000 + 200 + 70 \\ & \quad (3 \times 10\,000) + (3 \times 1\,000) + (2 \times 100) + (7 \times 10) \\ & \quad (3 \times 10^4) + (3 \times 10^3) + (2 \times 10^2) + (7 \times 10^1) \end{aligned}$$

$$\begin{aligned} 87\,370 & \quad 80\,000 + 7\,000 + 300 + 70 \\ & \quad (8 \times 10\,000) + (7 \times 1\,000) + (3 \times 100) + (7 \times 10) \\ & \quad (8 \times 10^4) + (7 \times 10^3) + (3 \times 10^2) + (7 \times 10^1) \end{aligned}$$

$$\begin{aligned} 33\,234 & \quad 30\,000 + 3\,000 + 200 + 30 + 4 \\ & \quad (3 \times 10\,000) + (3 \times 1\,000) + (2 \times 100) + (3 \times 10) + (4 \times 1) \\ & \quad (3 \times 10^4) + (3 \times 10^3) + (2 \times 10^2) + (3 \times 10^1) + (4 \times 10^0) \end{aligned}$$

$$\begin{aligned} 65\,109 & \quad 60\,000 + 5\,000 + 100 + 9 \\ & \quad (6 \times 10\,000) + (5 \times 1\,000) + (1 \times 100) + (9 \times 1) \\ & \quad (6 \times 10^4) + (5 \times 10^3) + (1 \times 10^2) + (9 \times 10^0) \end{aligned}$$

$$\begin{aligned} 74\,240 & \quad 70\,000 + 4\,000 + 200 + 40 \\ & \quad (7 \times 10\,000) + (4 \times 1\,000) + (2 \times 100) + (4 \times 10) \\ & \quad (7 \times 10^4) + (4 \times 10^3) + (2 \times 10^2) + (4 \times 10^1) \end{aligned}$$

$$\begin{aligned} 26\,819 & \quad 20\,000 + 6\,000 + 800 + 10 + 9 \\ & \quad (2 \times 10\,000) + (6 \times 1\,000) + (8 \times 100) + (1 \times 10) + (9 \times 1) \\ & \quad (2 \times 10^4) + (6 \times 10^3) + (8 \times 10^2) + (1 \times 10^1) + (9 \times 10^0) \end{aligned}$$

$$\begin{aligned} 73\,292 & \quad 70\,000 + 3\,000 + 200 + 90 + 2 \\ & \quad (7 \times 10\,000) + (3 \times 1\,000) + (2 \times 100) + (9 \times 10) + (2 \times 1) \\ & \quad (7 \times 10^4) + (3 \times 10^3) + (2 \times 10^2) + (9 \times 10^1) + (2 \times 10^0) \end{aligned}$$

$$\begin{aligned} 45\,687 & \quad 40\,000 + 5\,000 + 600 + 80 + 7 \\ & \quad (4 \times 10\,000) + (5 \times 1\,000) + (6 \times 100) + (8 \times 10) + (7 \times 1) \\ & \quad (4 \times 10^4) + (5 \times 10^3) + (6 \times 10^2) + (8 \times 10^1) + (7 \times 10^0) \end{aligned}$$

$$\begin{aligned} 65\,209 & \quad 60\,000 + 5\,000 + 200 + 9 \\ & \quad (6 \times 10\,000) + (5 \times 1\,000) + (2 \times 100) + (9 \times 1) \\ & \quad (6 \times 10^4) + (5 \times 10^3) + (2 \times 10^2) + (9 \times 10^0) \end{aligned}$$

$$\begin{aligned} 24\,017 & \quad 20\,000 + 4\,000 + 10 + 7 \\ & \quad (2 \times 10\,000) + (4 \times 1\,000) + (1 \times 10) + (7 \times 1) \\ & \quad (2 \times 10^4) + (4 \times 10^3) + (1 \times 10^1) + (7 \times 10^0) \end{aligned}$$

Expanded Form (SI) (G)

Name: _____

Date: _____

Write each number in expanded form.

52 472

14 720

70 381

31 661

83 084

66 322

10 355

72 028

41 721

12 412

Expanded Form (SI) (G) Answers

Name: _____

Date: _____

Write each number in expanded form.

$$\begin{aligned} 52\,472 & \quad 50\,000 + 2\,000 + 400 + 70 + 2 \\ & \quad (5 \times 10\,000) + (2 \times 1\,000) + (4 \times 100) + (7 \times 10) + (2 \times 1) \\ & \quad (5 \times 10^4) + (2 \times 10^3) + (4 \times 10^2) + (7 \times 10^1) + (2 \times 10^0) \end{aligned}$$

$$\begin{aligned} 14\,720 & \quad 10\,000 + 4\,000 + 700 + 20 \\ & \quad (1 \times 10\,000) + (4 \times 1\,000) + (7 \times 100) + (2 \times 10) \\ & \quad (1 \times 10^4) + (4 \times 10^3) + (7 \times 10^2) + (2 \times 10^1) \end{aligned}$$

$$\begin{aligned} 70\,381 & \quad 70\,000 + 300 + 80 + 1 \\ & \quad (7 \times 10\,000) + (3 \times 100) + (8 \times 10) + (1 \times 1) \\ & \quad (7 \times 10^4) + (3 \times 10^2) + (8 \times 10^1) + (1 \times 10^0) \end{aligned}$$

$$\begin{aligned} 31\,661 & \quad 30\,000 + 1\,000 + 600 + 60 + 1 \\ & \quad (3 \times 10\,000) + (1 \times 1\,000) + (6 \times 100) + (6 \times 10) + (1 \times 1) \\ & \quad (3 \times 10^4) + (1 \times 10^3) + (6 \times 10^2) + (6 \times 10^1) + (1 \times 10^0) \end{aligned}$$

$$\begin{aligned} 83\,084 & \quad 80\,000 + 3\,000 + 80 + 4 \\ & \quad (8 \times 10\,000) + (3 \times 1\,000) + (8 \times 10) + (4 \times 1) \\ & \quad (8 \times 10^4) + (3 \times 10^3) + (8 \times 10^1) + (4 \times 10^0) \end{aligned}$$

$$\begin{aligned} 66\,322 & \quad 60\,000 + 6\,000 + 300 + 20 + 2 \\ & \quad (6 \times 10\,000) + (6 \times 1\,000) + (3 \times 100) + (2 \times 10) + (2 \times 1) \\ & \quad (6 \times 10^4) + (6 \times 10^3) + (3 \times 10^2) + (2 \times 10^1) + (2 \times 10^0) \end{aligned}$$

$$\begin{aligned} 10\,355 & \quad 10\,000 + 300 + 50 + 5 \\ & \quad (1 \times 10\,000) + (3 \times 100) + (5 \times 10) + (5 \times 1) \\ & \quad (1 \times 10^4) + (3 \times 10^2) + (5 \times 10^1) + (5 \times 10^0) \end{aligned}$$

$$\begin{aligned} 72\,028 & \quad 70\,000 + 2\,000 + 20 + 8 \\ & \quad (7 \times 10\,000) + (2 \times 1\,000) + (2 \times 10) + (8 \times 1) \\ & \quad (7 \times 10^4) + (2 \times 10^3) + (2 \times 10^1) + (8 \times 10^0) \end{aligned}$$

$$\begin{aligned} 41\,721 & \quad 40\,000 + 1\,000 + 700 + 20 + 1 \\ & \quad (4 \times 10\,000) + (1 \times 1\,000) + (7 \times 100) + (2 \times 10) + (1 \times 1) \\ & \quad (4 \times 10^4) + (1 \times 10^3) + (7 \times 10^2) + (2 \times 10^1) + (1 \times 10^0) \end{aligned}$$

$$\begin{aligned} 12\,412 & \quad 10\,000 + 2\,000 + 400 + 10 + 2 \\ & \quad (1 \times 10\,000) + (2 \times 1\,000) + (4 \times 100) + (1 \times 10) + (2 \times 1) \\ & \quad (1 \times 10^4) + (2 \times 10^3) + (4 \times 10^2) + (1 \times 10^1) + (2 \times 10^0) \end{aligned}$$

Expanded Form (SI) (H)

Name: _____

Date: _____

Write each number in expanded form.

49 667

99 216

76 854

45 537

78 380

65 216

87 557

11 969

35 048

62 020

Expanded Form (SI) (H) Answers

Name: _____

Date: _____

Write each number in expanded form.

$$49\,667 \quad 40\,000 + 9\,000 + 600 + 60 + 7$$
$$(4 \times 10\,000) + (9 \times 1\,000) + (6 \times 100) + (6 \times 10) + (7 \times 1)$$
$$(4 \times 10^4) + (9 \times 10^3) + (6 \times 10^2) + (6 \times 10^1) + (7 \times 10^0)$$

$$99\,216 \quad 90\,000 + 9\,000 + 200 + 10 + 6$$
$$(9 \times 10\,000) + (9 \times 1\,000) + (2 \times 100) + (1 \times 10) + (6 \times 1)$$
$$(9 \times 10^4) + (9 \times 10^3) + (2 \times 10^2) + (1 \times 10^1) + (6 \times 10^0)$$

$$76\,854 \quad 70\,000 + 6\,000 + 800 + 50 + 4$$
$$(7 \times 10\,000) + (6 \times 1\,000) + (8 \times 100) + (5 \times 10) + (4 \times 1)$$
$$(7 \times 10^4) + (6 \times 10^3) + (8 \times 10^2) + (5 \times 10^1) + (4 \times 10^0)$$

$$45\,537 \quad 40\,000 + 5\,000 + 500 + 30 + 7$$
$$(4 \times 10\,000) + (5 \times 1\,000) + (5 \times 100) + (3 \times 10) + (7 \times 1)$$
$$(4 \times 10^4) + (5 \times 10^3) + (5 \times 10^2) + (3 \times 10^1) + (7 \times 10^0)$$

$$78\,380 \quad 70\,000 + 8\,000 + 300 + 80$$
$$(7 \times 10\,000) + (8 \times 1\,000) + (3 \times 100) + (8 \times 10)$$
$$(7 \times 10^4) + (8 \times 10^3) + (3 \times 10^2) + (8 \times 10^1)$$

$$65\,216 \quad 60\,000 + 5\,000 + 200 + 10 + 6$$
$$(6 \times 10\,000) + (5 \times 1\,000) + (2 \times 100) + (1 \times 10) + (6 \times 1)$$
$$(6 \times 10^4) + (5 \times 10^3) + (2 \times 10^2) + (1 \times 10^1) + (6 \times 10^0)$$

$$87\,557 \quad 80\,000 + 7\,000 + 500 + 50 + 7$$
$$(8 \times 10\,000) + (7 \times 1\,000) + (5 \times 100) + (5 \times 10) + (7 \times 1)$$
$$(8 \times 10^4) + (7 \times 10^3) + (5 \times 10^2) + (5 \times 10^1) + (7 \times 10^0)$$

$$11\,969 \quad 10\,000 + 1\,000 + 900 + 60 + 9$$
$$(1 \times 10\,000) + (1 \times 1\,000) + (9 \times 100) + (6 \times 10) + (9 \times 1)$$
$$(1 \times 10^4) + (1 \times 10^3) + (9 \times 10^2) + (6 \times 10^1) + (9 \times 10^0)$$

$$35\,048 \quad 30\,000 + 5\,000 + 40 + 8$$
$$(3 \times 10\,000) + (5 \times 1\,000) + (4 \times 10) + (8 \times 1)$$
$$(3 \times 10^4) + (5 \times 10^3) + (4 \times 10^1) + (8 \times 10^0)$$

$$62\,020 \quad 60\,000 + 2\,000 + 20$$
$$(6 \times 10\,000) + (2 \times 1\,000) + (2 \times 10)$$
$$(6 \times 10^4) + (2 \times 10^3) + (2 \times 10^1)$$

Expanded Form (SI) (I)

Name: _____

Date: _____

Write each number in expanded form.

77 331

72 919

78 122

55 030

85 933

70 647

67 207

68 125

46 586

31 169

Expanded Form (SI) (I) Answers

Name: _____

Date: _____

Write each number in expanded form.

$$\begin{aligned} 77\,331 & \quad 70\,000 + 7\,000 + 300 + 30 + 1 \\ & \quad (7 \times 10\,000) + (7 \times 1\,000) + (3 \times 100) + (3 \times 10) + (1 \times 1) \\ & \quad (7 \times 10^4) + (7 \times 10^3) + (3 \times 10^2) + (3 \times 10^1) + (1 \times 10^0) \end{aligned}$$

$$\begin{aligned} 72\,919 & \quad 70\,000 + 2\,000 + 900 + 10 + 9 \\ & \quad (7 \times 10\,000) + (2 \times 1\,000) + (9 \times 100) + (1 \times 10) + (9 \times 1) \\ & \quad (7 \times 10^4) + (2 \times 10^3) + (9 \times 10^2) + (1 \times 10^1) + (9 \times 10^0) \end{aligned}$$

$$\begin{aligned} 78\,122 & \quad 70\,000 + 8\,000 + 100 + 20 + 2 \\ & \quad (7 \times 10\,000) + (8 \times 1\,000) + (1 \times 100) + (2 \times 10) + (2 \times 1) \\ & \quad (7 \times 10^4) + (8 \times 10^3) + (1 \times 10^2) + (2 \times 10^1) + (2 \times 10^0) \end{aligned}$$

$$\begin{aligned} 55\,030 & \quad 50\,000 + 5\,000 + 30 \\ & \quad (5 \times 10\,000) + (5 \times 1\,000) + (3 \times 10) \\ & \quad (5 \times 10^4) + (5 \times 10^3) + (3 \times 10^1) \end{aligned}$$

$$\begin{aligned} 85\,933 & \quad 80\,000 + 5\,000 + 900 + 30 + 3 \\ & \quad (8 \times 10\,000) + (5 \times 1\,000) + (9 \times 100) + (3 \times 10) + (3 \times 1) \\ & \quad (8 \times 10^4) + (5 \times 10^3) + (9 \times 10^2) + (3 \times 10^1) + (3 \times 10^0) \end{aligned}$$

$$\begin{aligned} 70\,647 & \quad 70\,000 + 600 + 40 + 7 \\ & \quad (7 \times 10\,000) + (6 \times 100) + (4 \times 10) + (7 \times 1) \\ & \quad (7 \times 10^4) + (6 \times 10^2) + (4 \times 10^1) + (7 \times 10^0) \end{aligned}$$

$$\begin{aligned} 67\,207 & \quad 60\,000 + 7\,000 + 200 + 7 \\ & \quad (6 \times 10\,000) + (7 \times 1\,000) + (2 \times 100) + (7 \times 1) \\ & \quad (6 \times 10^4) + (7 \times 10^3) + (2 \times 10^2) + (7 \times 10^0) \end{aligned}$$

$$\begin{aligned} 68\,125 & \quad 60\,000 + 8\,000 + 100 + 20 + 5 \\ & \quad (6 \times 10\,000) + (8 \times 1\,000) + (1 \times 100) + (2 \times 10) + (5 \times 1) \\ & \quad (6 \times 10^4) + (8 \times 10^3) + (1 \times 10^2) + (2 \times 10^1) + (5 \times 10^0) \end{aligned}$$

$$\begin{aligned} 46\,586 & \quad 40\,000 + 6\,000 + 500 + 80 + 6 \\ & \quad (4 \times 10\,000) + (6 \times 1\,000) + (5 \times 100) + (8 \times 10) + (6 \times 1) \\ & \quad (4 \times 10^4) + (6 \times 10^3) + (5 \times 10^2) + (8 \times 10^1) + (6 \times 10^0) \end{aligned}$$

$$\begin{aligned} 31\,169 & \quad 30\,000 + 1\,000 + 100 + 60 + 9 \\ & \quad (3 \times 10\,000) + (1 \times 1\,000) + (1 \times 100) + (6 \times 10) + (9 \times 1) \\ & \quad (3 \times 10^4) + (1 \times 10^3) + (1 \times 10^2) + (6 \times 10^1) + (9 \times 10^0) \end{aligned}$$

Expanded Form (SI) (J)

Name: _____

Date: _____

Write each number in expanded form.

41 171

97 009

32 847

46 592

39 276

74 828

89 169

86 940

69 029

93 334

Expanded Form (SI) (J) Answers

Name: _____

Date: _____

Write each number in expanded form.

$$\begin{aligned} 41\,171 & \quad 40\,000 + 1\,000 + 100 + 70 + 1 \\ & \quad (4 \times 10\,000) + (1 \times 1\,000) + (1 \times 100) + (7 \times 10) + (1 \times 1) \\ & \quad (4 \times 10^4) + (1 \times 10^3) + (1 \times 10^2) + (7 \times 10^1) + (1 \times 10^0) \end{aligned}$$

$$\begin{aligned} 97\,009 & \quad 90\,000 + 7\,000 + 9 \\ & \quad (9 \times 10\,000) + (7 \times 1\,000) + (9 \times 1) \\ & \quad (9 \times 10^4) + (7 \times 10^3) + (9 \times 10^0) \end{aligned}$$

$$\begin{aligned} 32\,847 & \quad 30\,000 + 2\,000 + 800 + 40 + 7 \\ & \quad (3 \times 10\,000) + (2 \times 1\,000) + (8 \times 100) + (4 \times 10) + (7 \times 1) \\ & \quad (3 \times 10^4) + (2 \times 10^3) + (8 \times 10^2) + (4 \times 10^1) + (7 \times 10^0) \end{aligned}$$

$$\begin{aligned} 46\,592 & \quad 40\,000 + 6\,000 + 500 + 90 + 2 \\ & \quad (4 \times 10\,000) + (6 \times 1\,000) + (5 \times 100) + (9 \times 10) + (2 \times 1) \\ & \quad (4 \times 10^4) + (6 \times 10^3) + (5 \times 10^2) + (9 \times 10^1) + (2 \times 10^0) \end{aligned}$$

$$\begin{aligned} 39\,276 & \quad 30\,000 + 9\,000 + 200 + 70 + 6 \\ & \quad (3 \times 10\,000) + (9 \times 1\,000) + (2 \times 100) + (7 \times 10) + (6 \times 1) \\ & \quad (3 \times 10^4) + (9 \times 10^3) + (2 \times 10^2) + (7 \times 10^1) + (6 \times 10^0) \end{aligned}$$

$$\begin{aligned} 74\,828 & \quad 70\,000 + 4\,000 + 800 + 20 + 8 \\ & \quad (7 \times 10\,000) + (4 \times 1\,000) + (8 \times 100) + (2 \times 10) + (8 \times 1) \\ & \quad (7 \times 10^4) + (4 \times 10^3) + (8 \times 10^2) + (2 \times 10^1) + (8 \times 10^0) \end{aligned}$$

$$\begin{aligned} 89\,169 & \quad 80\,000 + 9\,000 + 100 + 60 + 9 \\ & \quad (8 \times 10\,000) + (9 \times 1\,000) + (1 \times 100) + (6 \times 10) + (9 \times 1) \\ & \quad (8 \times 10^4) + (9 \times 10^3) + (1 \times 10^2) + (6 \times 10^1) + (9 \times 10^0) \end{aligned}$$

$$\begin{aligned} 86\,940 & \quad 80\,000 + 6\,000 + 900 + 40 \\ & \quad (8 \times 10\,000) + (6 \times 1\,000) + (9 \times 100) + (4 \times 10) \\ & \quad (8 \times 10^4) + (6 \times 10^3) + (9 \times 10^2) + (4 \times 10^1) \end{aligned}$$

$$\begin{aligned} 69\,029 & \quad 60\,000 + 9\,000 + 20 + 9 \\ & \quad (6 \times 10\,000) + (9 \times 1\,000) + (2 \times 10) + (9 \times 1) \\ & \quad (6 \times 10^4) + (9 \times 10^3) + (2 \times 10^1) + (9 \times 10^0) \end{aligned}$$

$$\begin{aligned} 93\,334 & \quad 90\,000 + 3\,000 + 300 + 30 + 4 \\ & \quad (9 \times 10\,000) + (3 \times 1\,000) + (3 \times 100) + (3 \times 10) + (4 \times 1) \\ & \quad (9 \times 10^4) + (3 \times 10^3) + (3 \times 10^2) + (3 \times 10^1) + (4 \times 10^0) \end{aligned}$$