

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.

41 171

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

97 009

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

32 847

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

46 592

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

39 276

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

74 828

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

89 169

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

86 940

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

69 029

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

93 334

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