

Expanded Form (A)

Name: _____

Date: _____

Write each number in expanded form.

13,739

81,364

74,295

78,684

86,660

20,006

47,747

41,147

42,341

52,603

Expanded Form (A) Answers

Name: _____

Date: _____

Write each number in expanded form.

$$\begin{aligned} 13,739 & \quad 10,000 + 3000 + 700 + 30 + 9 \\ & \quad (1 \times 10,000) + (3 \times 1000) + (7 \times 100) + (3 \times 10) + (9 \times 1) \\ & \quad (1 \times 10^4) + (3 \times 10^3) + (7 \times 10^2) + (3 \times 10^1) + (9 \times 10^0) \end{aligned}$$

$$\begin{aligned} 81,364 & \quad 80,000 + 1000 + 300 + 60 + 4 \\ & \quad (8 \times 10,000) + (1 \times 1000) + (3 \times 100) + (6 \times 10) + (4 \times 1) \\ & \quad (8 \times 10^4) + (1 \times 10^3) + (3 \times 10^2) + (6 \times 10^1) + (4 \times 10^0) \end{aligned}$$

$$\begin{aligned} 74,295 & \quad 70,000 + 4000 + 200 + 90 + 5 \\ & \quad (7 \times 10,000) + (4 \times 1000) + (2 \times 100) + (9 \times 10) + (5 \times 1) \\ & \quad (7 \times 10^4) + (4 \times 10^3) + (2 \times 10^2) + (9 \times 10^1) + (5 \times 10^0) \end{aligned}$$

$$\begin{aligned} 78,684 & \quad 70,000 + 8000 + 600 + 80 + 4 \\ & \quad (7 \times 10,000) + (8 \times 1000) + (6 \times 100) + (8 \times 10) + (4 \times 1) \\ & \quad (7 \times 10^4) + (8 \times 10^3) + (6 \times 10^2) + (8 \times 10^1) + (4 \times 10^0) \end{aligned}$$

$$\begin{aligned} 86,660 & \quad 80,000 + 6000 + 600 + 60 \\ & \quad (8 \times 10,000) + (6 \times 1000) + (6 \times 100) + (6 \times 10) \\ & \quad (8 \times 10^4) + (6 \times 10^3) + (6 \times 10^2) + (6 \times 10^1) \end{aligned}$$

$$\begin{aligned} 20,006 & \quad 20,000 + 6 \\ & \quad (2 \times 10,000) + (6 \times 1) \\ & \quad (2 \times 10^4) + (6 \times 10^0) \end{aligned}$$

$$\begin{aligned} 47,747 & \quad 40,000 + 7000 + 700 + 40 + 7 \\ & \quad (4 \times 10,000) + (7 \times 1000) + (7 \times 100) + (4 \times 10) + (7 \times 1) \\ & \quad (4 \times 10^4) + (7 \times 10^3) + (7 \times 10^2) + (4 \times 10^1) + (7 \times 10^0) \end{aligned}$$

$$\begin{aligned} 41,147 & \quad 40,000 + 1000 + 100 + 40 + 7 \\ & \quad (4 \times 10,000) + (1 \times 1000) + (1 \times 100) + (4 \times 10) + (7 \times 1) \\ & \quad (4 \times 10^4) + (1 \times 10^3) + (1 \times 10^2) + (4 \times 10^1) + (7 \times 10^0) \end{aligned}$$

$$\begin{aligned} 42,341 & \quad 40,000 + 2000 + 300 + 40 + 1 \\ & \quad (4 \times 10,000) + (2 \times 1000) + (3 \times 100) + (4 \times 10) + (1 \times 1) \\ & \quad (4 \times 10^4) + (2 \times 10^3) + (3 \times 10^2) + (4 \times 10^1) + (1 \times 10^0) \end{aligned}$$

$$\begin{aligned} 52,603 & \quad 50,000 + 2000 + 600 + 3 \\ & \quad (5 \times 10,000) + (2 \times 1000) + (6 \times 100) + (3 \times 1) \\ & \quad (5 \times 10^4) + (2 \times 10^3) + (6 \times 10^2) + (3 \times 10^0) \end{aligned}$$