

NS3-3 Expanded Form

You can write the number 475 in expanded form in two ways.

- Using numerals and words: 4 hundreds + 7 tens + 5 ones
- Using numerals only: 400 + 70 + 5

1. Write “hundreds,” “tens,” or “ones” for each digit. Then write in expanded form.

a) 658 6 hundreds

5 tens

8 ones

600 + 50 + 8

b) 493 4 _____

9 _____

3 _____

_____ + _____ + _____

2. Fill in the blanks.

a) $267 = \underline{2}$ hundreds + $\underline{6}$ tens + $\underline{7}$ ones

b) $381 = \underline{\quad}$ hundreds + $\underline{\quad}$ tens + $\underline{\quad}$ one

c) $709 = \underline{\quad}$ hundreds + $\underline{\quad}$ ones

d) $727 = \underline{\quad}$ hundreds + $\underline{\quad}$ tens + $\underline{\quad}$ ones

e) $53 = \underline{\quad}$ tens + $\underline{\quad}$ ones

f) $640 = \underline{\quad}$ hundreds + $\underline{\quad}$ tens

3. Write the number in expanded form using numerals and words.

a) $547 = \underline{5 \text{ hundreds} + 4 \text{ tens} + 7 \text{ ones}}$

b) $239 = \underline{\hspace{10em}}$

c) $73 = \underline{\hspace{10em}}$

d) $190 = \underline{\hspace{10em}}$

e) $605 = \underline{\hspace{10em}}$

f) $420 = \underline{\hspace{10em}}$

4. Write the number for the expanded form.

a) 3 hundreds + 4 tens + 7 ones

b) 9 hundreds + 8 tens + 2 ones

c) 5 tens + 6 ones

d) 2 hundreds + 7 tens

e) 6 hundreds + 1 ten + 4 ones

f) 1 hundred + 8 ones

5. Write the number in expanded form using numerals only.

a) $762 = 700 + 60 + 2$

b) $845 =$ _____

c) $72 =$ _____

d) $503 =$ _____

e) $431 =$ _____

f) $978 =$ _____

6. Write the number for the expanded form.

a) $400 + 50 + 3 = 453$

b) $800 + 70 + 1 =$ _____

c) $40 + 8 =$ _____

d) $600 + 20 =$ _____

e) $900 + 1 =$ _____

f) $400 + 40 + 4 =$ _____

g) $500 + 40 + 9 =$ _____

h) $300 + 10 + 5 =$ _____

7. Write the missing numbers for the expanded form.

a) $247 = 200 + 40 + 7$

b) $598 = 500 + 90 +$ _____

c) $651 =$ _____ $+ 50 + 1$

d) $843 = 800 +$ _____ $+$ _____

e) $352 =$ _____ $+ 50 +$ _____

f) $400 + 50 +$ _____ $= 458$

g) $300 +$ _____ $+ 7 = 367$

h) _____ $+ 2 = 702$

i) $57 =$ _____ $+ 7$

j) $700 + 80 +$ _____ $= 788$

k) _____ $+ 20 +$ _____ $= 924$

l) _____ $+$ _____ $+$ _____ $= 835$