

## Numbers in Expanded Form (C)

Write out the following numbers in expanded form.

1.  $383,701,371,472.758 =$  \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2.  $410,437,618,747.353 =$  \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3.  $445,065,677,471.582 =$  \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4.  $187,784,280,009.455 =$  \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5.  $749,225,408,286.236 =$  \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

6.  $871,407,709,966.053 =$  \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

7.  $122,580,380,410.278 =$  \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

8.  $877,152,135,226.203 =$  \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Numbers in Expanded Form (C) Answers

Write out the following numbers in expanded form.

1.  $383,701,371,472.758 = (3 \times 10^{11}) + (8 \times 10^{10}) + (3 \times 10^9) + (7 \times 10^8) + (1 \times 10^6) + (3 \times 10^5) + (7 \times 10^4) + (1 \times 10^3) + (4 \times 10^2) + (7 \times 10^1) + (2 \times 10^0) + (7 \times 10^{-1}) + (5 \times 10^{-2}) + (8 \times 10^{-3})$

2.  $410,437,618,747.353 = (4 \times 10^{11}) + (1 \times 10^{10}) + (4 \times 10^8) + (3 \times 10^7) + (7 \times 10^6) + (6 \times 10^5) + (1 \times 10^4) + (8 \times 10^3) + (7 \times 10^2) + (4 \times 10^1) + (7 \times 10^0) + (3 \times 10^{-1}) + (5 \times 10^{-2}) + (3 \times 10^{-3})$

3.  $445,065,677,471.582 = (4 \times 10^{11}) + (4 \times 10^{10}) + (5 \times 10^9) + (6 \times 10^7) + (5 \times 10^6) + (6 \times 10^5) + (7 \times 10^4) + (7 \times 10^3) + (4 \times 10^2) + (7 \times 10^1) + (1 \times 10^0) + (5 \times 10^{-1}) + (8 \times 10^{-2}) + (2 \times 10^{-3})$

4.  $187,784,280,009.455 = (1 \times 10^{11}) + (8 \times 10^{10}) + (7 \times 10^9) + (7 \times 10^8) + (8 \times 10^7) + (4 \times 10^6) + (2 \times 10^5) + (8 \times 10^4) + (9 \times 10^0) + (4 \times 10^{-1}) + (5 \times 10^{-2}) + (5 \times 10^{-3})$

5.  $749,225,408,286.236 = (7 \times 10^{11}) + (4 \times 10^{10}) + (9 \times 10^9) + (2 \times 10^8) + (2 \times 10^7) + (5 \times 10^6) + (4 \times 10^5) + (8 \times 10^3) + (2 \times 10^2) + (8 \times 10^1) + (6 \times 10^0) + (2 \times 10^{-1}) + (3 \times 10^{-2}) + (6 \times 10^{-3})$

6.  $871,407,709,966.053 = (8 \times 10^{11}) + (7 \times 10^{10}) + (1 \times 10^9) + (4 \times 10^8) + (7 \times 10^6) + (7 \times 10^5) + (9 \times 10^3) + (9 \times 10^2) + (6 \times 10^1) + (6 \times 10^0) + (5 \times 10^{-2}) + (3 \times 10^{-3})$

7.  $122,580,380,410.278 = (1 \times 10^{11}) + (2 \times 10^{10}) + (2 \times 10^9) + (5 \times 10^8) + (8 \times 10^7) + (3 \times 10^5) + (8 \times 10^4) + (4 \times 10^2) + (1 \times 10^1) + (2 \times 10^{-1}) + (7 \times 10^{-2}) + (8 \times 10^{-3})$

8.  $877,152,135,226.203 = (8 \times 10^{11}) + (7 \times 10^{10}) + (7 \times 10^9) + (1 \times 10^8) + (5 \times 10^7) + (2 \times 10^6) + (1 \times 10^5) + (3 \times 10^4) + (5 \times 10^3) + (2 \times 10^2) + (2 \times 10^1) + (6 \times 10^0) + (2 \times 10^{-1}) + (3 \times 10^{-3})$