Expanded Form - Billions

Write each number in expanded form.

1) 172,903,826,574
   \((1 \times 10^{11}) + (7 \times 10^{10}) + (2 \times 10^9) + (9 \times 10^8) + (3 \times 10^6)\)
   \(+ (8 \times 10^5) + (2 \times 10^4) + (6 \times 10^3) + (5 \times 10^2) + (7 \times 10^1) + (4 \times 10^0)\)

2) 65,316,700,948
   \)

3) 237,524,063,189
   \)

4) 30,187,056,492
   \)

5) 4,832,709,651
   \)

6) 9,468,137,325
   \)

7) 736,251,984,003
   \)

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet. Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com

Printable Math Worksheets @ www.mathworksheets4kids.com
Write each number in expanded form.

1) \[172,903,826,574 = (1 \times 10^{11}) + (7 \times 10^{10}) + (2 \times 10^9) + (9 \times 10^8) + (3 \times 10^6) + (8 \times 10^5) + (2 \times 10^4) + (6 \times 10^3) + (5 \times 10^2) + (7 \times 10^1) + (4 \times 10^0)\]

2) \[65,316,700,948 = (6 \times 10^{10}) + (5 \times 10^9) + (3 \times 10^8) + (1 \times 10^7) + (6 \times 10^6) + (7 \times 10^5) + (9 \times 10^4) + (4 \times 10^3) + (2 \times 10^2) + (3 \times 10^1) + (2 \times 10^0)\]

3) \[237,524,063,189 = (3 \times 10^{10}) + (8 \times 10^9) + (3 \times 10^8) + (2 \times 10^7) + (2 \times 10^6) + (7 \times 10^5) + (9 \times 10^4) + (8 \times 10^3) + (7 \times 10^2) + (5 \times 10^1) + (6 \times 10^0)\]

4) \[30,187,056,492 = (4 \times 10^9) + (8 \times 10^8) + (3 \times 10^7) + (2 \times 10^6) + (7 \times 10^5) + (9 \times 10^4) + (8 \times 10^3) + (3 \times 10^2) + (5 \times 10^1) + (4 \times 10^0)\]

5) \[4,832,709,651 = (5 \times 10^9) + (2 \times 10^8) + (7 \times 10^7) + (4 \times 10^6) + (9 \times 10^5) + (8 \times 10^4) + (2 \times 10^3) + (3 \times 10^2) + (1 \times 10^1) + (6 \times 10^0)\]

6) \[9,468,137,325 = (6 \times 10^9) + (5 \times 10^8) + (3 \times 10^7) + (2 \times 10^6) + (7 \times 10^5) + (9 \times 10^4) + (8 \times 10^3) + (3 \times 10^2) + (2 \times 10^1) + (5 \times 10^0)\]

7) \[736,251,984,003 = (7 \times 10^{11}) + (3 \times 10^{10}) + (6 \times 10^9) + (2 \times 10^8) + (5 \times 10^7) + (1 \times 10^6) + (9 \times 10^5) + (8 \times 10^4) + (4 \times 10^3) + (3 \times 10^0)\]