

Expanded Form - Billions

Write each number in expanded form.

1) 40,030,659,182 $(4 \times 10^{10}) + (3 \times 10^7) + (6 \times 10^5) + (5 \times 10^4) + (9 \times 10^3)$
 $+ (1 \times 10^2) + (8 \times 10^1) + (2 \times 10^0)$

2) 528,642,315,970

3) 10,815,472,369

4) 6,894,137,502

5) 82,386,504,791

6) 375,023,968,147

7) 9,178,540,236

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Expanded Form - Billions

Sheet 4

Write each number in expanded form.

1) 40,030,659,182 $(4 \times 10^{10}) + (3 \times 10^7) + (6 \times 10^5) + (5 \times 10^4) + (9 \times 10^3)$
 $+ (1 \times 10^2) + (8 \times 10^1) + (2 \times 10^0)$

2) 528,642,315,970 $(5 \times 10^{11}) + (2 \times 10^{10}) + (8 \times 10^9) + (6 \times 10^8) + (4 \times 10^7)$
 $+ (2 \times 10^6) + (3 \times 10^5) + (1 \times 10^4) + (5 \times 10^3) + (0 \times 10^2) + (7 \times 10^1)$

3) 10,815,472,369 $(1 \times 10^{10}) + (8 \times 10^8) + (1 \times 10^7) + (5 \times 10^6) + (4 \times 10^5)$
 $+ (7 \times 10^4) + (2 \times 10^3) + (3 \times 10^2) + (6 \times 10^1) + (9 \times 10^0)$

4) 6,894,137,502 $(6 \times 10^9) + (8 \times 10^8) + (9 \times 10^7) + (4 \times 10^6) + (1 \times 10^5)$
 $+ (3 \times 10^4) + (7 \times 10^3) + (5 \times 10^2) + (0 \times 10^1) + (2 \times 10^0)$

5) 82,386,504,791 $(8 \times 10^{10}) + (2 \times 10^9) + (3 \times 10^8) + (8 \times 10^7) + (6 \times 10^6)$
 $+ (5 \times 10^5) + (4 \times 10^4) + (7 \times 10^3) + (9 \times 10^2) + (1 \times 10^1)$

6) 375,023,968,147 $(3 \times 10^{11}) + (7 \times 10^{10}) + (5 \times 10^9) + (0 \times 10^8) + (2 \times 10^7)$
 $+ (9 \times 10^5) + (6 \times 10^4) + (8 \times 10^3) + (1 \times 10^2) + (4 \times 10^1) + (7 \times 10^0)$

7) 9,178,540,236 $(9 \times 10^9) + (1 \times 10^8) + (7 \times 10^7) + (8 \times 10^6) + (5 \times 10^5)$
 $+ (4 \times 10^4) + (2 \times 10^3) + (3 \times 10^2) + (6 \times 10^1) + (0 \times 10^0)$

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