

Standard and Expanded Form

Billions: S2

Write in expanded form.

1) 531,029,754,836 _____

2) 17,935,812,648 _____

3) 3,516,498,027 _____

Write in standard form

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

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

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

PREVIEW

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Standard and Expanded Form

Billions: S2

Write in expanded form.

1) 531,029,754,836 $(5 \times 10^{11}) + (3 \times 10^{10}) + (1 \times 10^9) + (2 \times 10^7) + (9 \times 10^6)$
 $+ (7 \times 10^5) + (5 \times 10^4) + (4 \times 10^3) + (8 \times 10^2) + (3 \times 10^1) + (6 \times 10^0)$

2) 17,935,812,648 $(1 \times 10^{10}) + (7 \times 10^9) + (9 \times 10^8) + (3 \times 10^7) + (5 \times 10^6)$
 $+ (8 \times 10^5) + (1 \times 10^4) + (2 \times 10^3) + (6 \times 10^2) + (4 \times 10^1) + (8 \times 10^0)$

3) 3,516,498,027 $(3 \times 10^9) + (5 \times 10^8) + (1 \times 10^7) + (6 \times 10^6) + (4 \times 10^5)$
 $+ (9 \times 10^4) + (8 \times 10^3) + (0 \times 10^2) + (2 \times 10^1) + (7 \times 10^0)$

Write in standard form

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

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

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

72,847,360,519**8,190,527,463****PREVIEW**

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