

Numbers in Expanded Form (F)

Write out the following numbers in expanded form.

1. $999,066,223,048.974 =$ _____

2. $588,409,832,705.437 =$ _____

3. $943,669,522,160.601 =$ _____

4. $185,013,065,376.502 =$ _____

5. $436,848,635,023.031 =$ _____

6. $858,452,163,965.292 =$ _____

7. $634,374,052,506.512 =$ _____

8. $515,249,894,348.507 =$ _____

Numbers in Expanded Form (F) Answers

Write out the following numbers in expanded form.

- $999,066,223,048.974 = (9 \times 10^{11}) + (9 \times 10^{10}) + (9 \times 10^9) + (6 \times 10^7) + (6 \times 10^6) + (2 \times 10^5) + (2 \times 10^4) + (3 \times 10^3) + (4 \times 10^1) + (8 \times 10^0) + (9 \times 10^{-1}) + (7 \times 10^{-2}) + (4 \times 10^{-3})$
- $588,409,832,705.437 = (5 \times 10^{11}) + (8 \times 10^{10}) + (8 \times 10^9) + (4 \times 10^8) + (9 \times 10^6) + (8 \times 10^5) + (3 \times 10^4) + (2 \times 10^3) + (7 \times 10^2) + (5 \times 10^0) + (4 \times 10^{-1}) + (3 \times 10^{-2}) + (7 \times 10^{-3})$
- $943,669,522,160.601 = (9 \times 10^{11}) + (4 \times 10^{10}) + (3 \times 10^9) + (6 \times 10^8) + (6 \times 10^7) + (9 \times 10^6) + (5 \times 10^5) + (2 \times 10^4) + (2 \times 10^3) + (1 \times 10^2) + (6 \times 10^1) + (6 \times 10^{-1}) + (1 \times 10^{-3})$
- $185,013,065,376.502 = (1 \times 10^{11}) + (8 \times 10^{10}) + (5 \times 10^9) + (1 \times 10^7) + (3 \times 10^6) + (6 \times 10^4) + (5 \times 10^3) + (3 \times 10^2) + (7 \times 10^1) + (6 \times 10^0) + (5 \times 10^{-1}) + (2 \times 10^{-3})$
- $436,848,635,023.031 = (4 \times 10^{11}) + (3 \times 10^{10}) + (6 \times 10^9) + (8 \times 10^8) + (4 \times 10^7) + (8 \times 10^6) + (6 \times 10^5) + (3 \times 10^4) + (5 \times 10^3) + (2 \times 10^1) + (3 \times 10^0) + (3 \times 10^{-2}) + (1 \times 10^{-3})$
- $858,452,163,965.292 = (8 \times 10^{11}) + (5 \times 10^{10}) + (8 \times 10^9) + (4 \times 10^8) + (5 \times 10^7) + (2 \times 10^6) + (1 \times 10^5) + (6 \times 10^4) + (3 \times 10^3) + (9 \times 10^2) + (6 \times 10^1) + (5 \times 10^0) + (2 \times 10^{-1}) + (9 \times 10^{-2}) + (2 \times 10^{-3})$
- $634,374,052,506.512 = (6 \times 10^{11}) + (3 \times 10^{10}) + (4 \times 10^9) + (3 \times 10^8) + (7 \times 10^7) + (4 \times 10^6) + (5 \times 10^4) + (2 \times 10^3) + (5 \times 10^2) + (6 \times 10^0) + (5 \times 10^{-1}) + (1 \times 10^{-2}) + (2 \times 10^{-3})$
- $515,249,894,348.507 = (5 \times 10^{11}) + (1 \times 10^{10}) + (5 \times 10^9) + (2 \times 10^8) + (4 \times 10^7) + (9 \times 10^6) + (8 \times 10^5) + (9 \times 10^4) + (4 \times 10^3) + (3 \times 10^2) + (4 \times 10^1) + (8 \times 10^0) + (5 \times 10^{-1}) + (7 \times 10^{-3})$