Expanded Exponential Form (H)

Name: _____ Date: _____

Convert each standard form number to expanded exponential form.

1. 2,894,035

2. 5,190,565

3. 8,052,768

4. 8,579,119

5. 6,834,169

6. 9,664,949

7. 7,832,493

8. 1,172,910

9. 7,918,286

10. 5,223,838

Expanded Exponential Form (H) Answers

Name: _____ Date: _____

Convert each standard form number to expanded exponential form.

1. 2,894,035
   $(2 \times 10^6) + (8 \times 10^5) + (9 \times 10^4) + (4 \times 10^3) + (3 \times 10^1) + (5 \times 10^0)$

2. 5,190,565
   $(5 \times 10^6) + (1 \times 10^5) + (9 \times 10^4) + (5 \times 10^2) + (6 \times 10^1) + (5 \times 10^0)$

3. 8,052,768
   $(8 \times 10^6) + (5 \times 10^4) + (2 \times 10^3) + (7 \times 10^2) + (6 \times 10^1) + (8 \times 10^0)$

4. 8,579,119
   $(8 \times 10^6) + (5 \times 10^5) + (7 \times 10^4) + (9 \times 10^3) + (1 \times 10^2) + (1 \times 10^1) + (9 \times 10^0)$

5. 6,834,169
   $(6 \times 10^6) + (8 \times 10^5) + (3 \times 10^4) + (4 \times 10^3) + (1 \times 10^2) + (6 \times 10^1) + (9 \times 10^0)$

6. 9,664,949
   $(9 \times 10^6) + (6 \times 10^5) + (6 \times 10^4) + (4 \times 10^3) + (9 \times 10^2) + (4 \times 10^1) + (9 \times 10^0)$

7. 7,832,493
   $(7 \times 10^6) + (8 \times 10^5) + (3 \times 10^4) + (2 \times 10^3) + (4 \times 10^2) + (9 \times 10^1) + (3 \times 10^0)$

8. 1,172,910
   $(1 \times 10^6) + (1 \times 10^5) + (7 \times 10^4) + (2 \times 10^3) + (9 \times 10^2) + (1 \times 10^1)$

9. 7,918,286
   $(7 \times 10^6) + (9 \times 10^5) + (1 \times 10^4) + (8 \times 10^3) + (2 \times 10^2) + (8 \times 10^1) + (6 \times 10^0)$

10. 5,223,838
    $(5 \times 10^6) + (2 \times 10^5) + (2 \times 10^4) + (3 \times 10^3) + (8 \times 10^2) + (3 \times 10^1) + (8 \times 10^0)$