

## Expanded to Standard Form (A)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Convert each expanded exponential form number to standard form.

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

## Expanded to Standard Form (A) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Convert each expanded exponential form number to standard form.

1.  $(9 \times 10^7) + (8 \times 10^6) + (4 \times 10^5) + (4 \times 10^4) + (5 \times 10^3) + (3 \times 10^2) + (6 \times 10^1) + (9 \times 10^0)$   
**98,445,369**

2.  $(3 \times 10^7) + (5 \times 10^6) + (4 \times 10^5) + (1 \times 10^3) + (2 \times 10^2) + (5 \times 10^1) + (7 \times 10^0)$   
**35,401,257**

3.  $(5 \times 10^7) + (3 \times 10^6) + (6 \times 10^4) + (3 \times 10^3) + (5 \times 10^2) + (1 \times 10^1)$   
**53,063,510**

4.  $(5 \times 10^7) + (7 \times 10^6) + (8 \times 10^5) + (5 \times 10^4) + (8 \times 10^3) + (9 \times 10^2) + (6 \times 10^1) + (4 \times 10^0)$   
**57,858,964**

5.  $(3 \times 10^7) + (4 \times 10^6) + (3 \times 10^5) + (7 \times 10^4) + (7 \times 10^2) + (1 \times 10^1) + (5 \times 10^0)$   
**34,370,715**

6.  $(7 \times 10^7) + (2 \times 10^5) + (9 \times 10^4) + (7 \times 10^3) + (4 \times 10^2) + (4 \times 10^1) + (7 \times 10^0)$   
**70,297,447**

7.  $(1 \times 10^7) + (4 \times 10^6) + (3 \times 10^5) + (2 \times 10^4) + (8 \times 10^3) + (2 \times 10^2) + (3 \times 10^1) + (4 \times 10^0)$   
**14,328,234**

8.  $(6 \times 10^7) + (7 \times 10^6) + (7 \times 10^5) + (4 \times 10^4) + (1 \times 10^3) + (2 \times 10^2) + (9 \times 10^1) + (6 \times 10^0)$   
**67,741,296**

9.  $(3 \times 10^7) + (1 \times 10^6) + (2 \times 10^5) + (5 \times 10^4) + (2 \times 10^2) + (1 \times 10^1) + (8 \times 10^0)$   
**31,250,218**

10.  $(6 \times 10^7) + (6 \times 10^6) + (6 \times 10^5) + (2 \times 10^4) + (9 \times 10^3) + (6 \times 10^2) + (8 \times 10^1) + (4 \times 10^0)$   
**66,629,684**

## Expanded to Standard Form (B)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Convert each expanded exponential form number to standard form.

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

## Expanded to Standard Form (B) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Convert each expanded exponential form number to standard form.

1.  $(6 \times 10^7) + (6 \times 10^5) + (9 \times 10^4) + (1 \times 10^3) + (8 \times 10^2) + (2 \times 10^1) + (5 \times 10^0)$   
**60,691,825**

2.  $(1 \times 10^7) + (2 \times 10^6) + (5 \times 10^4) + (1 \times 10^3) + (5 \times 10^2) + (8 \times 10^1) + (5 \times 10^0)$   
**12,051,585**

3.  $(2 \times 10^7) + (7 \times 10^6) + (5 \times 10^5) + (9 \times 10^4) + (8 \times 10^3) + (3 \times 10^2) + (5 \times 10^1) + (9 \times 10^0)$   
**27,598,359**

4.  $(4 \times 10^7) + (7 \times 10^6) + (7 \times 10^5) + (1 \times 10^4) + (2 \times 10^3) + (3 \times 10^2) + (6 \times 10^1)$   
**47,712,360**

5.  $(5 \times 10^7) + (8 \times 10^6) + (8 \times 10^5) + (3 \times 10^4) + (8 \times 10^2) + (4 \times 10^1) + (4 \times 10^0)$   
**58,830,844**

6.  $(6 \times 10^7) + (3 \times 10^6) + (8 \times 10^5) + (1 \times 10^4) + (8 \times 10^3) + (5 \times 10^2) + (6 \times 10^1) + (8 \times 10^0)$   
**63,818,568**

7.  $(1 \times 10^7) + (7 \times 10^6) + (5 \times 10^5) + (1 \times 10^4) + (2 \times 10^3) + (2 \times 10^2) + (5 \times 10^1) + (8 \times 10^0)$   
**17,512,258**

8.  $(4 \times 10^7) + (9 \times 10^6) + (3 \times 10^5) + (8 \times 10^3) + (8 \times 10^2) + (8 \times 10^1) + (6 \times 10^0)$   
**49,308,886**

9.  $(7 \times 10^7) + (6 \times 10^6) + (8 \times 10^5) + (8 \times 10^4) + (7 \times 10^3) + (9 \times 10^1) + (2 \times 10^0)$   
**76,887,092**

10.  $(3 \times 10^7) + (3 \times 10^6) + (2 \times 10^5) + (8 \times 10^4) + (2 \times 10^3) + (2 \times 10^2) + (9 \times 10^1) + (5 \times 10^0)$   
**33,282,295**

## Expanded to Standard Form (C)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Convert each expanded exponential form number to standard form.

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

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

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

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

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

6.  $(2 \times 10^7) + (5 \times 10^6) + (2 \times 10^5) + (5 \times 10^3) + (4 \times 10^2) + (5 \times 10^1)$

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

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

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

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

## Expanded to Standard Form (C) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Convert each expanded exponential form number to standard form.

1.  $(4 \times 10^7) + (3 \times 10^6) + (9 \times 10^5) + (3 \times 10^4) + (8 \times 10^3) + (6 \times 10^1) + (1 \times 10^0)$   
**43,938,061**

2.  $(9 \times 10^7) + (5 \times 10^6) + (1 \times 10^5) + (1 \times 10^4) + (4 \times 10^3) + (6 \times 10^1) + (4 \times 10^0)$   
**95,114,064**

3.  $(6 \times 10^7) + (1 \times 10^6) + (6 \times 10^5) + (9 \times 10^4) + (9 \times 10^3) + (3 \times 10^2) + (2 \times 10^1) + (6 \times 10^0)$   
**61,699,326**

4.  $(8 \times 10^7) + (1 \times 10^6) + (4 \times 10^5) + (5 \times 10^4) + (5 \times 10^2) + (8 \times 10^0)$   
**81,450,508**

5.  $(7 \times 10^7) + (8 \times 10^6) + (5 \times 10^5) + (2 \times 10^4) + (2 \times 10^3) + (6 \times 10^2) + (5 \times 10^1) + (6 \times 10^0)$   
**78,522,656**

6.  $(2 \times 10^7) + (5 \times 10^6) + (2 \times 10^5) + (5 \times 10^3) + (4 \times 10^2) + (5 \times 10^1)$   
**25,205,450**

7.  $(2 \times 10^7) + (9 \times 10^6) + (5 \times 10^5) + (4 \times 10^4) + (9 \times 10^2) + (4 \times 10^1) + (4 \times 10^0)$   
**29,540,944**

8.  $(9 \times 10^7) + (8 \times 10^6) + (1 \times 10^5) + (4 \times 10^4) + (7 \times 10^3) + (1 \times 10^2) + (8 \times 10^1) + (3 \times 10^0)$   
**98,147,183**

9.  $(4 \times 10^7) + (9 \times 10^6) + (8 \times 10^5) + (5 \times 10^4) + (5 \times 10^3) + (8 \times 10^2) + (5 \times 10^1) + (6 \times 10^0)$   
**49,855,856**

10.  $(7 \times 10^7) + (6 \times 10^5) + (9 \times 10^4) + (1 \times 10^3) + (8 \times 10^2) + (6 \times 10^1) + (3 \times 10^0)$   
**70,691,863**

## Expanded to Standard Form (D)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Convert each expanded exponential form number to standard form.

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

## Expanded to Standard Form (D) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Convert each expanded exponential form number to standard form.

1.  $(6 \times 10^7) + (9 \times 10^6) + (1 \times 10^5) + (8 \times 10^4) + (8 \times 10^3) + (7 \times 10^2) + (6 \times 10^1)$   
**69,188,760**

2.  $(1 \times 10^7) + (8 \times 10^6) + (9 \times 10^5) + (5 \times 10^4) + (6 \times 10^3) + (2 \times 10^2) + (2 \times 10^1) + (8 \times 10^0)$   
**18,956,228**

3.  $(5 \times 10^7) + (9 \times 10^6) + (8 \times 10^5) + (2 \times 10^4) + (3 \times 10^3) + (5 \times 10^2) + (4 \times 10^1) + (1 \times 10^0)$   
**59,823,541**

4.  $(3 \times 10^7) + (1 \times 10^6) + (5 \times 10^5) + (1 \times 10^4) + (1 \times 10^3) + (7 \times 10^2) + (6 \times 10^1) + (2 \times 10^0)$   
**31,511,762**

5.  $(6 \times 10^7) + (2 \times 10^6) + (2 \times 10^4) + (7 \times 10^3) + (5 \times 10^2) + (8 \times 10^1) + (7 \times 10^0)$   
**62,027,587**

6.  $(1 \times 10^7) + (4 \times 10^6) + (3 \times 10^5) + (3 \times 10^4) + (2 \times 10^3) + (1 \times 10^2) + (7 \times 10^1) + (9 \times 10^0)$   
**14,332,179**

7.  $(9 \times 10^7) + (8 \times 10^6) + (3 \times 10^5) + (8 \times 10^4) + (7 \times 10^3) + (8 \times 10^1) + (9 \times 10^0)$   
**98,387,089**

8.  $(5 \times 10^7) + (4 \times 10^6) + (3 \times 10^5) + (7 \times 10^4) + (2 \times 10^3) + (8 \times 10^2) + (8 \times 10^1) + (6 \times 10^0)$   
**54,372,886**

9.  $(6 \times 10^7) + (4 \times 10^6) + (3 \times 10^5) + (9 \times 10^4) + (9 \times 10^3) + (5 \times 10^2) + (4 \times 10^1) + (8 \times 10^0)$   
**64,399,548**

10.  $(9 \times 10^7) + (1 \times 10^6) + (5 \times 10^4) + (2 \times 10^3) + (7 \times 10^2) + (5 \times 10^1) + (5 \times 10^0)$   
**91,052,755**



## Expanded to Standard Form (E)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Convert each expanded exponential form number to standard form.

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

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

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

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

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

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

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

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

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

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

## Expanded to Standard Form (E) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Convert each expanded exponential form number to standard form.

1.  $(6 \times 10^7) + (9 \times 10^6) + (3 \times 10^5) + (5 \times 10^4) + (7 \times 10^2) + (8 \times 10^1) + (7 \times 10^0)$   
**69,350,787**

2.  $(5 \times 10^7) + (1 \times 10^6) + (4 \times 10^5) + (9 \times 10^4) + (1 \times 10^3) + (9 \times 10^2) + (5 \times 10^1) + (3 \times 10^0)$   
**51,491,953**

3.  $(8 \times 10^7) + (8 \times 10^6) + (6 \times 10^5) + (7 \times 10^4) + (8 \times 10^3) + (8 \times 10^2) + (9 \times 10^1) + (5 \times 10^0)$   
**88,678,895**

4.  $(9 \times 10^7) + (7 \times 10^6) + (8 \times 10^5) + (6 \times 10^4) + (5 \times 10^3) + (7 \times 10^1) + (2 \times 10^0)$   
**97,865,072**

5.  $(1 \times 10^7) + (1 \times 10^5) + (9 \times 10^4) + (6 \times 10^2) + (8 \times 10^1) + (6 \times 10^0)$   
**10,190,686**

6.  $(1 \times 10^7) + (7 \times 10^6) + (3 \times 10^5) + (1 \times 10^4) + (2 \times 10^3) + (6 \times 10^2) + (8 \times 10^1) + (6 \times 10^0)$   
**17,312,686**

7.  $(8 \times 10^7) + (7 \times 10^6) + (8 \times 10^5) + (6 \times 10^4) + (9 \times 10^2) + (7 \times 10^1) + (4 \times 10^0)$   
**87,860,974**

8.  $(4 \times 10^7) + (2 \times 10^6) + (6 \times 10^5) + (7 \times 10^4) + (9 \times 10^3) + (8 \times 10^2) + (1 \times 10^0)$   
**42,679,801**

9.  $(9 \times 10^7) + (9 \times 10^6) + (4 \times 10^5) + (3 \times 10^3) + (1 \times 10^2) + (8 \times 10^1) + (2 \times 10^0)$   
**99,403,182**

10.  $(4 \times 10^7) + (6 \times 10^6) + (5 \times 10^5) + (9 \times 10^3) + (3 \times 10^2) + (1 \times 10^1) + (9 \times 10^0)$   
**46,509,319**

## Expanded to Standard Form (F)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Convert each expanded exponential form number to standard form.

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

## Expanded to Standard Form (F) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Convert each expanded exponential form number to standard form.

1.  $(8 \times 10^7) + (8 \times 10^6) + (4 \times 10^5) + (3 \times 10^4) + (5 \times 10^2) + (3 \times 10^1) + (6 \times 10^0)$   
**88,430,536**

2.  $(5 \times 10^7) + (6 \times 10^6) + (2 \times 10^5) + (1 \times 10^4) + (6 \times 10^3) + (2 \times 10^2) + (1 \times 10^0)$   
**56,216,201**

3.  $(1 \times 10^7) + (2 \times 10^6) + (4 \times 10^5) + (9 \times 10^4) + (4 \times 10^3) + (5 \times 10^2) + (8 \times 10^1) + (3 \times 10^0)$   
**12,494,583**

4.  $(7 \times 10^7) + (6 \times 10^6) + (8 \times 10^5) + (7 \times 10^4) + (5 \times 10^3) + (5 \times 10^2) + (2 \times 10^1) + (4 \times 10^0)$   
**76,875,524**

5.  $(1 \times 10^7) + (5 \times 10^6) + (6 \times 10^5) + (8 \times 10^4) + (2 \times 10^3) + (9 \times 10^2) + (7 \times 10^1) + (2 \times 10^0)$   
**15,682,972**

6.  $(1 \times 10^7) + (4 \times 10^6) + (6 \times 10^5) + (7 \times 10^4) + (2 \times 10^2) + (3 \times 10^1) + (7 \times 10^0)$   
**14,670,237**

7.  $(1 \times 10^7) + (6 \times 10^6) + (1 \times 10^5) + (7 \times 10^4) + (7 \times 10^3) + (7 \times 10^2) + (2 \times 10^1) + (6 \times 10^0)$   
**16,177,726**

8.  $(7 \times 10^7) + (3 \times 10^6) + (4 \times 10^5) + (6 \times 10^4) + (4 \times 10^3) + (6 \times 10^2) + (3 \times 10^1) + (2 \times 10^0)$   
**73,464,632**

9.  $(3 \times 10^7) + (4 \times 10^6) + (6 \times 10^4) + (6 \times 10^3) + (7 \times 10^2) + (2 \times 10^1) + (2 \times 10^0)$   
**34,066,722**

10.  $(2 \times 10^7) + (2 \times 10^6) + (6 \times 10^5) + (2 \times 10^4) + (7 \times 10^3) + (1 \times 10^2) + (2 \times 10^1) + (3 \times 10^0)$   
**22,627,123**

## Expanded to Standard Form (G)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Convert each expanded exponential form number to standard form.

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

## Expanded to Standard Form (G) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Convert each expanded exponential form number to standard form.

1.  $(9 \times 10^7) + (3 \times 10^6) + (1 \times 10^5) + (4 \times 10^4) + (2 \times 10^3) + (1 \times 10^2) + (4 \times 10^0)$   
**93,142,104**

2.  $(8 \times 10^7) + (2 \times 10^6) + (9 \times 10^5) + (1 \times 10^4) + (7 \times 10^3) + (5 \times 10^2) + (3 \times 10^1) + (4 \times 10^0)$   
**82,917,534**

3.  $(2 \times 10^7) + (9 \times 10^6) + (1 \times 10^5) + (3 \times 10^4) + (1 \times 10^3) + (2 \times 10^2) + (9 \times 10^1) + (7 \times 10^0)$   
**29,131,297**

4.  $(9 \times 10^7) + (1 \times 10^6) + (9 \times 10^5) + (7 \times 10^4) + (1 \times 10^3) + (3 \times 10^1) + (6 \times 10^0)$   
**91,971,036**

5.  $(4 \times 10^7) + (3 \times 10^6) + (3 \times 10^5) + (3 \times 10^4) + (7 \times 10^3) + (2 \times 10^2) + (5 \times 10^1) + (4 \times 10^0)$   
**43,337,254**

6.  $(5 \times 10^7) + (9 \times 10^6) + (7 \times 10^5) + (5 \times 10^4) + (4 \times 10^3) + (2 \times 10^2) + (6 \times 10^1) + (4 \times 10^0)$   
**59,754,264**

7.  $(6 \times 10^7) + (5 \times 10^6) + (8 \times 10^4) + (4 \times 10^3) + (8 \times 10^2) + (3 \times 10^1) + (3 \times 10^0)$   
**65,084,833**

8.  $(7 \times 10^7) + (2 \times 10^6) + (1 \times 10^5) + (4 \times 10^4) + (4 \times 10^3) + (1 \times 10^1) + (7 \times 10^0)$   
**72,144,017**

9.  $(9 \times 10^7) + (6 \times 10^6) + (2 \times 10^4) + (1 \times 10^3) + (3 \times 10^2) + (8 \times 10^1) + (8 \times 10^0)$   
**96,021,388**

10.  $(5 \times 10^7) + (3 \times 10^5) + (3 \times 10^4) + (7 \times 10^3) + (2 \times 10^1) + (7 \times 10^0)$   
**50,337,027**

## Expanded to Standard Form (H)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Convert each expanded exponential form number to standard form.

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

## Expanded to Standard Form (H) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Convert each expanded exponential form number to standard form.

1.  $(3 \times 10^7) + (6 \times 10^6) + (7 \times 10^5) + (1 \times 10^4) + (4 \times 10^3) + (3 \times 10^2) + (2 \times 10^1) + (3 \times 10^0)$   
**36,714,323**

2.  $(8 \times 10^7) + (3 \times 10^6) + (6 \times 10^5) + (2 \times 10^4) + (8 \times 10^1)$   
**83,620,080**

3.  $(6 \times 10^7) + (8 \times 10^6) + (8 \times 10^5) + (6 \times 10^4) + (2 \times 10^2) + (7 \times 10^1) + (3 \times 10^0)$   
**68,860,273**

4.  $(7 \times 10^7) + (7 \times 10^6) + (7 \times 10^5) + (6 \times 10^4) + (7 \times 10^3) + (2 \times 10^2) + (8 \times 10^1) + (9 \times 10^0)$   
**77,767,289**

5.  $(3 \times 10^7) + (2 \times 10^6) + (4 \times 10^5) + (5 \times 10^4) + (8 \times 10^3) + (2 \times 10^2) + (4 \times 10^1) + (9 \times 10^0)$   
**32,458,249**

6.  $(6 \times 10^7) + (2 \times 10^5) + (4 \times 10^4) + (4 \times 10^3) + (1 \times 10^2) + (9 \times 10^1) + (3 \times 10^0)$   
**60,244,193**

7.  $(5 \times 10^7) + (9 \times 10^6) + (1 \times 10^5) + (3 \times 10^4) + (4 \times 10^3) + (7 \times 10^2) + (4 \times 10^0)$   
**59,134,704**

8.  $(6 \times 10^7) + (1 \times 10^6) + (7 \times 10^5) + (9 \times 10^3) + (5 \times 10^2) + (6 \times 10^1) + (9 \times 10^0)$   
**61,709,569**

9.  $(8 \times 10^7) + (6 \times 10^6) + (1 \times 10^5) + (2 \times 10^3) + (9 \times 10^2) + (3 \times 10^1) + (7 \times 10^0)$   
**86,102,937**

10.  $(6 \times 10^7) + (1 \times 10^6) + (6 \times 10^5) + (7 \times 10^4) + (8 \times 10^3) + (9 \times 10^2) + (2 \times 10^1) + (7 \times 10^0)$   
**61,678,927**



## Expanded to Standard Form (I)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Convert each expanded exponential form number to standard form.

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

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

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

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

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

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

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

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

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

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

## Expanded to Standard Form (I) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Convert each expanded exponential form number to standard form.

1.  $(8 \times 10^7) + (3 \times 10^6) + (7 \times 10^5) + (8 \times 10^4) + (5 \times 10^3) + (7 \times 10^2) + (5 \times 10^1) + (4 \times 10^0)$   
**83,785,754**

2.  $(1 \times 10^7) + (2 \times 10^6) + (5 \times 10^5) + (6 \times 10^4) + (2 \times 10^3) + (4 \times 10^2) + (6 \times 10^1) + (6 \times 10^0)$   
**12,562,466**

3.  $(5 \times 10^7) + (5 \times 10^6) + (5 \times 10^4) + (4 \times 10^3) + (4 \times 10^2) + (8 \times 10^1) + (6 \times 10^0)$   
**55,054,486**

4.  $(4 \times 10^7) + (5 \times 10^6) + (6 \times 10^5) + (3 \times 10^4) + (5 \times 10^3) + (7 \times 10^2) + (9 \times 10^1) + (6 \times 10^0)$   
**45,635,796**

5.  $(8 \times 10^7) + (6 \times 10^6) + (8 \times 10^5) + (9 \times 10^4) + (9 \times 10^3) + (8 \times 10^2) + (8 \times 10^1) + (4 \times 10^0)$   
**86,899,884**

6.  $(7 \times 10^7) + (4 \times 10^6) + (7 \times 10^5) + (3 \times 10^4) + (1 \times 10^3) + (8 \times 10^2) + (8 \times 10^1) + (5 \times 10^0)$   
**74,731,885**

7.  $(4 \times 10^7) + (4 \times 10^6) + (6 \times 10^5) + (5 \times 10^4) + (7 \times 10^3) + (9 \times 10^2) + (7 \times 10^1) + (6 \times 10^0)$   
**44,657,976**

8.  $(2 \times 10^7) + (4 \times 10^6) + (3 \times 10^3) + (3 \times 10^2) + (6 \times 10^1) + (1 \times 10^0)$   
**24,003,361**

9.  $(1 \times 10^7) + (5 \times 10^6) + (7 \times 10^3) + (3 \times 10^2) + (8 \times 10^1)$   
**15,007,380**

10.  $(9 \times 10^7) + (4 \times 10^6) + (7 \times 10^5) + (4 \times 10^3) + (9 \times 10^2) + (2 \times 10^1) + (9 \times 10^0)$   
**94,704,929**

## Expanded to Standard Form (J)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Convert each expanded exponential form number to standard form.

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

## Expanded to Standard Form (J) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Convert each expanded exponential form number to standard form.

1.  $(2 \times 10^7) + (6 \times 10^6) + (2 \times 10^5) + (8 \times 10^4) + (2 \times 10^3) + (3 \times 10^2) + (8 \times 10^1) + (7 \times 10^0)$   
**26,282,387**

2.  $(7 \times 10^7) + (7 \times 10^5) + (1 \times 10^4) + (3 \times 10^3) + (5 \times 10^2) + (3 \times 10^0)$   
**70,713,503**

3.  $(5 \times 10^7) + (2 \times 10^6) + (3 \times 10^5) + (2 \times 10^4) + (5 \times 10^2) + (9 \times 10^1) + (2 \times 10^0)$   
**52,320,592**

4.  $(6 \times 10^7) + (3 \times 10^6) + (3 \times 10^5) + (5 \times 10^4) + (8 \times 10^3) + (9 \times 10^1) + (9 \times 10^0)$   
**63,358,099**

5.  $(4 \times 10^7) + (1 \times 10^6) + (6 \times 10^5) + (5 \times 10^4) + (7 \times 10^3) + (9 \times 10^2) + (6 \times 10^0)$   
**41,657,906**

6.  $(1 \times 10^7) + (6 \times 10^6) + (7 \times 10^5) + (2 \times 10^4) + (5 \times 10^3) + (8 \times 10^1) + (1 \times 10^0)$   
**16,725,081**

7.  $(2 \times 10^7) + (7 \times 10^6) + (1 \times 10^5) + (7 \times 10^4) + (4 \times 10^3) + (9 \times 10^2) + (2 \times 10^1) + (9 \times 10^0)$   
**27,174,929**

8.  $(1 \times 10^7) + (1 \times 10^5) + (6 \times 10^4) + (8 \times 10^3) + (2 \times 10^2) + (1 \times 10^1) + (7 \times 10^0)$   
**10,168,217**

9.  $(2 \times 10^7) + (4 \times 10^6) + (3 \times 10^5) + (4 \times 10^4) + (1 \times 10^3) + (5 \times 10^2) + (9 \times 10^1) + (4 \times 10^0)$   
**24,341,594**

10.  $(1 \times 10^7) + (5 \times 10^5) + (8 \times 10^4) + (7 \times 10^3) + (6 \times 10^2) + (5 \times 10^1) + (7 \times 10^0)$   
**10,587,657**