

## Expanded Exponential Form (A)

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

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

Convert each standard form number to expanded exponential form.

1. 4,575,676

2. 2,003,290

3. 9,438,313

4. 6,062,670

5. 1,485,933

6. 2,180,417

7. 6,031,985

8. 8,219,224

9. 2,484,435

10. 6,531,809

## Expanded Exponential Form (A) Answers

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

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

Convert each standard form number to expanded exponential form.

1. 4,575,676

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

2. 2,003,290

$$(2 \times 10^6) + (3 \times 10^3) + (2 \times 10^2) + (9 \times 10^1)$$

3. 9,438,313

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

4. 6,062,670

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

5. 1,485,933

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

6. 2,180,417

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

7. 6,031,985

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

8. 8,219,224

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

9. 2,484,435

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

10. 6,531,809

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