

## Expanded Exponential Form (F)

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

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

Convert each standard form number to expanded exponential form.

1. 577,074

2. 377,917

3. 502,912

4. 199,341

5. 154,303

6. 758,443

7. 617,016

8. 197,333

9. 154,546

10. 468,531

## Expanded Exponential Form (F) Answers

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

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

Convert each standard form number to expanded exponential form.

1. 577,074

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

2. 377,917

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

3. 502,912

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

4. 199,341

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

5. 154,303

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

6. 758,443

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

7. 617,016

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

8. 197,333

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

9. 154,546

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

10. 468,531

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