

## Expanded Exponential Form (H)

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

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

Convert each standard form number to expanded exponential form.

1. 5052

2. 2351

3. 4046

4. 7697

5. 8200

6. 2112

7. 3323

8. 9106

9. 6187

10. 3172

## Expanded Exponential Form (H) Answers

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

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

Convert each standard form number to expanded exponential form.

1. **5052**

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

2. **2351**

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

3. **4046**

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

4. **7697**

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

5. **8200**

$$(8 \times 10^3) + (2 \times 10^2)$$

6. **2112**

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

7. **3323**

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

8. **9106**

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

9. **6187**

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

10. **3172**

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