

## Expanded Exponential Form With Decimals (H)

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

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

Convert each standard form decimal number to expanded exponential form.

1. 4.073

2. 6.182

3. 9.879

4. 9.566

5. 9.169

6. 7.273

7. 2.883

8. 1.766

9. 7.679

10. 1.483

## Expanded Exponential Form With Decimals (H) Answers

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

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

Convert each standard form decimal number to expanded exponential form.

1. **4.073**

$$(4 \times 10^0) + (7 \times 10^{-2}) + (3 \times 10^{-3})$$

2. **6.182**

$$(6 \times 10^0) + (1 \times 10^{-1}) + (8 \times 10^{-2}) + (2 \times 10^{-3})$$

3. **9.879**

$$(9 \times 10^0) + (8 \times 10^{-1}) + (7 \times 10^{-2}) + (9 \times 10^{-3})$$

4. **9.566**

$$(9 \times 10^0) + (5 \times 10^{-1}) + (6 \times 10^{-2}) + (6 \times 10^{-3})$$

5. **9.169**

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

6. **7.273**

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

7. **2.883**

$$(2 \times 10^0) + (8 \times 10^{-1}) + (8 \times 10^{-2}) + (3 \times 10^{-3})$$

8. **1.766**

$$(1 \times 10^0) + (7 \times 10^{-1}) + (6 \times 10^{-2}) + (6 \times 10^{-3})$$

9. **7.679**

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

10. **1.483**

$$(1 \times 10^0) + (4 \times 10^{-1}) + (8 \times 10^{-2}) + (3 \times 10^{-3})$$