

## Expanded to Standard Form With Decimals (J)

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

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

Convert each expanded exponential form decimal number to standard form.

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

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

3.  $(3 \times 10^0) + (5 \times 10^{-3}) + (9 \times 10^{-4}) + (6 \times 10^{-5}) + (4 \times 10^{-6})$

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

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

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

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

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

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

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

## Expanded to Standard Form With Decimals (J) Answers

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

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

Convert each expanded exponential form decimal number to standard form.

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

**4.945236**

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

**7.389887**

3.  $(3 \times 10^0) + (5 \times 10^{-3}) + (9 \times 10^{-4}) + (6 \times 10^{-5}) + (4 \times 10^{-6})$

**3.005964**

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

**8.590073**

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

**2.160801**

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

**5.214822**

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

**7.297505**

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

**1.410565**

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

**8.031128**

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

**8.184754**