

Expanded to Standard Form With Decimals (G)

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

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

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

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

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

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

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

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

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

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

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

Expanded to Standard Form With Decimals (G) Answers

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

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

4.070425

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

5.203665

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

6.020482

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

7.564263

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

4.150772

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

9.057494

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

7.943864

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

1.469935

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

7.122231

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

9.553681