

Expanded to Standard Form With Decimals (F)

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

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

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

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

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

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

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

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

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

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

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

Expanded to Standard Form With Decimals (F) Answers

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

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

8.764999

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

9.540086

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

4.344621

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

3.071268

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

3.268178

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

3.651943

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

6.281044

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

2.220004

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

4.711599

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

9.630604