Name: _____

Date: _____

Convert each standard form decimal number to expanded exponential form.

1. 8.25014

2. 4.96935

3. 7.67524

4. 3.54134

5. 4.91631

6. 8.45319

7. 7.21044

8. 2.23405

9. 8.45498

10. 1.69071

| Expanded Exponential Form With Decimals (G) Answers |

Name: _____

Convert each standard form decimal number to expanded exponential form.

1. 8.25014
$(8 \times 10^0) + (2 \times 10^{-1}) + (5 \times 10^{-2}) + (1 \times 10^{-4}) + (4 \times 10^{-5})$

2. 4.96935
$(4 \times 10^0) + (9 \times 10^{-1}) + (6 \times 10^{-2}) + (9 \times 10^{-3}) + (3 \times 10^{-4}) + (5 \times 10^{-5})$

3. 7.67524
$(7 \times 10^0) + (6 \times 10^{-1}) + (7 \times 10^{-2}) + (5 \times 10^{-3}) + (2 \times 10^{-4}) + (4 \times 10^{-5})$

4. 3.54134
$(3 \times 10^0) + (5 \times 10^{-1}) + (4 \times 10^{-2}) + (1 \times 10^{-3}) + (3 \times 10^{-4}) + (4 \times 10^{-5})$

5. 4.91631
$(4 \times 10^0) + (9 \times 10^{-1}) + (1 \times 10^{-2}) + (6 \times 10^{-3}) + (3 \times 10^{-4}) + (1 \times 10^{-5})$

6. 8.45319
$(8 \times 10^0) + (4 \times 10^{-1}) + (5 \times 10^{-2}) + (3 \times 10^{-3}) + (1 \times 10^{-4}) + (9 \times 10^{-5})$

7. 7.21044
$(7 \times 10^0) + (2 \times 10^{-1}) + (1 \times 10^{-2}) + (4 \times 10^{-4}) + (4 \times 10^{-5})$

8. 2.23405
$(2 \times 10^0) + (2 \times 10^{-1}) + (3 \times 10^{-2}) + (4 \times 10^{-3}) + (5 \times 10^{-5})$

9. 8.45498
$(8 \times 10^0) + (4 \times 10^{-1}) + (5 \times 10^{-2}) + (4 \times 10^{-3}) + (9 \times 10^{-4}) + (8 \times 10^{-5})$

10. 1.69071
$(1 \times 10^0) + (6 \times 10^{-1}) + (9 \times 10^{-2}) + (7 \times 10^{-4}) + (1 \times 10^{-5})$