

NAME _____ DATE _____

Exponential Notation

Practice Problems (Level 1)

- Express each of the following numbers in exponential notation.

a. 10,000	f. 500,000,000,000,000
b. 0.0001	g. 0.000,000,08
c. 10,000,000,000	h. 0.000,000,000,000,9
d. 0.000 000 000 000 001	i. 7,000
e. 400,000	j. 0.004

- Write out each of the following numbers in the long form.

a. 1×10^3	f. 5×10^{-6}
b. 1×10^{-5}	g. 9×10^{-9}
c. 1×10^{14}	h. 3×10^5
d. 1×10^{-2}	i. 2×10^{-4}
e. 7×10^4	j. 8×10^8

- Use exponential notation to find the product of each of the following:

a. $30,000 \times 7,000$	f. $10,000,000 \times 0.000005$
b. 0.0005×0.003	g. $3,000 \times 0.0004$
c. $400,000 \times 50,000$	h. $0.000,000,000,05 \times 0.003$
d. $0.000,000,06 \times 0.0004$	i. $0.000,000,03 \times 7,000,000$
e. $0.000,007 \times 80,000$	j. $900,000 \times 0.000,000,009$