

Name _____



Equivalent Quest

Directions: Match the expressions below into groups of four that are all equivalent. Each group should contain one negative exponent form, one reciprocal form, one positive exponent form, and, when possible, one simplified value. Write the matching letters together.

A. 2^{-3}	E. 5^{-2}	I. x^{-4}	M. 10^{-1}
B. $\frac{1}{2^3}$	F. $\frac{1}{5^2}$	J. $\frac{1}{x^4}$	N. $\frac{1}{10^1}$
C. $\frac{1}{8}$	G. $\frac{1}{25}$	K. $(x^4)^{-1}$	O. $\frac{1}{10}$
D. 8^{-1}	H. 25^{-1}	L. Reciprocal of x^4	P. 0.1

Matching Groups

Group 1	Group 2
Group 3	Group 4