

Name _____



Reciprocal Pairs

Directions: Match each expression in Column A with its equivalent expression or value in Column B. Write the correct letter on the line.

Column A

1. 2^{-3} _____

2. 5^{-1} _____

3. 10^{-2} _____

4. x^{-4} _____

5. a^{-2} _____

6. 3^{-2} _____

7. y^{-1} _____

8. 4^{-2} _____

9. b^{-5} _____

10. 6^{-1} _____

Column B

A. $\frac{1}{a^2}$

B. $\frac{1}{16}$

C. $\frac{1}{b^5}$

D. $\frac{1}{100}$

E. $\frac{1}{6}$

F. $\frac{1}{9}$

G. $\frac{1}{8}$

H. $\frac{1}{5}$

I. $\frac{1}{x^4}$

J. $\frac{1}{y}$

Bonus: Circle the expressions in Column A that have a simplified numerical value.