



Name _____

Mistake Mission

Directions: Each student solution contains a mistake. Find the error, explain what went wrong, and write the correct solution.

Student's Work	Error	Correct Solution
1) $2^{-3} = -8$		
2) $x^{-4} = x^4$		
3) $5^{-2} = \frac{-1}{25}$		
4) $\frac{1}{a^{-3}} = \frac{1}{a^3}$		
5) $10^{-1} = 10$		
6) $\frac{b^{-2}}{1} = b^2$		
7) $3^{-1} = \frac{3}{1}$		
8) $\frac{1}{7^{-2}} = \frac{1}{49}$		