Name _____

Exponents (Negative Exponent)

By Using the law Negative Exponent,
write each expression in a single exponent. ($x^{-a} = 1/x^a$)

1) 3^{-1} $\frac{1}{3}$	2) 4^{-3} $\frac{1}{64}$	3) 5^{-3} $\frac{1}{125}$
4) 2^{-4} $\frac{1}{16}$	5) 6^{-2} $\frac{1}{36}$	6) 7^{-2} $\frac{1}{49}$
7) $\frac{1}{4^{-2}}$ 16	8) $\frac{1}{3^{-2}}$ 9	9) $\frac{1}{2^{-5}}$ 32
10) $\left(\frac{3}{5}\right)^{-2}$ $\frac{25}{9}$	11) $\left(\frac{2}{3}\right)^{-4}$ $\frac{81}{16}$	12) $\left(\frac{4}{5}\right)^{-3}$ $\frac{125}{64}$