Name _____

Reciprocal and Inverse of exponents

Find the reciprocal of exponents.
(Reciprocal of Negative)

1) $(a^{-3})^{-1}$ $\frac{1}{a^{-3}} = a^{3}$	2) $(b^{-2})^{-2}$ $\frac{1}{(b^{-2})^{-2}} = b^{-4}$	3) c^{-4} $\frac{1}{c^{-4}} = c^{4}$
4) $(d^{0.5})^{-3}$ $\frac{1}{(d^{0.5})^{-3}} = d^{-1.5}$	5) $(e^{2})^{-1}$ $\frac{1}{(e^{2})^{-1}} = e^{-2}$	6) $f^{-2/3}$ $\frac{1}{f^{-2/3}} = f^{2/3}$
7) $(g^{-1})^{-1}$ $\frac{1}{(g^{-1})^{-1}} = g^{-1}$	8) h^{-3} $\frac{1}{h^{-3}} = h^{3}$	9) $(i^{-0.2})^{-5}$ $\frac{1}{(i^{-0.2})^{-5}} = i$
10) $(j^{2.5})^{-1}$ $\frac{1}{(j^{2.5})^{-1}} = j^{-2.5}$	11) k^{-2} $\frac{1}{k^{-2}} = k^{2}$	12) $(-a^{2})^{-4}$ $\frac{1}{(-a^{2})^{-4}} = -a^{8}$