Writing negative exponents with positive exponents (powers to a power rule)

Use the product to a product rule and simplify. Write your answers in **positive exponents.**

a) $\left(x^{2}\right)^{-6}$ b) $\left(x^{-5}\right)^{2}$ c) $\left(x^{-6}\right)^{-4}$ d) $\left(x^{-7}\right)^{2}$

a) $\left(x^{3}\right)^{-5}$ b) $\left(x^{-3}\right)^{3}$ c) $\left(x^{-2}\right)^{-3}$ d) $\left(x^{-8}\right)^{3}$

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