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Simplify each expression using the properties of exponents. Write the answer as a single term with a positive exponent.


Challenge! Simplify each expression using the properties of exponents. Write the answer as a single term with a positive exponent.

| $\frac{9^{1}}{9^{4}}=\ldots$ | $\frac{25^{5}}{25^{3}} \cdot 25^{6}=\ldots$ | $\frac{\left(7^{3}\right)^{4}}{7^{5}}=$ |
| :---: | :---: | :---: |
| $\left(4^{-3}\right)^{2}=\square$ | $5^{8} \cdot\left(5^{5}\right)^{2}=$ | $\frac{6^{12} \cdot 6^{15}}{6^{4}}=$ |

