**Lesson 1 Homework Practice**

***Negative Exponents***

**Write each expression using a positive exponent.**

 **1.** $8^{-5}$ **2.** $3^{-9}$ **3.** $z^{-2}$ **4.** $p^{-4}$

**Evaluate each expression.**

 **5.** $(-6)^{-5}$ **6.** $8^{-4}$ **7.** $2^{-9}$ **8.** $(-7)^{-9}$

**Write each fraction as an expression using a negative exponent.**

 **9.** $\frac{1}{2^{9}}$ **10.** $\frac{1}{64}$ **11.** $\frac{1}{e^{5}}$ **12.** $\frac{1}{7^{4}}$

**Simplify. Express using positive exponents.**

 **13.** $\frac{6^{5}}{6^{2}}$ **14.** $n^{-2}•n^{-3}$ **15.** $\frac{w^{3}}{w^{-1}}$ **16.** $\frac{k^{-4}}{k^{-6}}$

**Rewrite using positive exponents**

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**Explain on the lines below, how you rewrote question 21 using positive exponents.**

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