

Name:

Exit Slip

Date: 4/6/17

Original Expression:

x^{12}

100%

Equivalent Expressions	Exponent Rule Used
1) $x^{-24} \cdot x^{12}$	Product rule (add exponents)
2) $(x^6)^{-2}$	Power rule (multiply exponents)
3) $\frac{x^6}{x^{18}}$	Quotient rule (subtract exponents)
4) $\frac{1}{x^{12}}$	Use a negative exponent and/or a fraction

Name:

Exit Slip

Date:

Original Expression:

x^{10}

3.5
4

Equivalent Expressions	Exponent Rule Used
1) $x^8 \cdot x^2$	Product rule (add exponents)
2) $(x^5)^2$	Power rule (multiply exponents)
3) $\frac{x^{12}}{x^2}$	Quotient rule (subtract exponents)
4) $\frac{1}{x^{-10}}$	Use a negative exponent and/or a fraction