

Name:

Unit 6 Pre-assessment



Simplify the Expressions:

$x^2 \cdot x^4$ x^6

$(x^4)^8$ x^{32}

$(x^2)^3 \cdot x^5$ x^{11}

~~$(4x^2y)^2$~~
 $16x^4y^2$

3^4 81

5^{-2} $\frac{1}{25}$

$\frac{x^{12}}{x^5}$ x^7

$\frac{y^{-2}}{y^{-5}}$ y^3

$\frac{x}{(y)^0}$ x

$\frac{x^{-3}y}{x^4y^{-3}}$ $\frac{y^3 \cdot y}{x^3 \cdot x^4}$ $\frac{y^4}{x^7}$

$\frac{x}{y^{-8}} \cdot \frac{x^{-7}}{y^4}$ $\frac{y^4}{x^6}$

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