Math 8/8H Name_____

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2.1c #2 HW - Negative Exponents

Period_____ Number____

I Can apply properties of exponents.

Simplify. Your answer should contain only positive exponents.

1) $p^0 \cdot 4p^3$

2) $4n^{-1} \cdot 2n^{-1} \cdot n^4$

3) $3x^{-1} \cdot 3x^4$

4) $3p^{-2} \cdot 3p^2$

5) $2v \cdot 4v^0$

6) $\dfrac{n^{-3}}{n^{-2}}$

7) $\dfrac{3n^{-2}}{3n^3}$

8) $\dfrac{2v}{3v^0}$

9) $\dfrac{2n^3}{2n^{-1}}$

10) $\dfrac{4k^{-3}}{k^4}$

11) $\dfrac{2b^2 \cdot 2b^{-3}}{4b}$

12) $\dfrac{n^2}{3n^{-2} \cdot 3n^{-1}}$

13) $\dfrac{4a^{-3} \cdot a^{-1}}{a^0}$

14) $\dfrac{v^{-4}}{3v^0 \cdot 2v}$

15) $\dfrac{p^{-4} \cdot 4p^3}{p^3}$

16) What is the definition of an exponent?

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