Bellwork Monday, April 14, 2014

Simplify each. Make sure your answers have no exponents that are negative or zero.

1. $(4m^6n^{-3}p^7)(-m^3n)(5m^{-2}np^5)$

$-20m^7n^{-1}p^{12}$ $\frac{-20m^7p^{12}}{n^1}$

2. $(6a^{-4}b^5c)^2(2a^2b^{-1}c^4)^3$

$(36a^{-8}b^{10}c^2)(8a^6b^{-3}c^{12})$

$\frac{288\ b^7c^{14}}{a^2}$

3. $\frac{-6h^5k^3}{12h^2k^8}$ $h^5 \div h^2 = h^3$ $k^3 \div k^8 = k^{-5}$

$\frac{-1h^3}{2k^5}$ $-1/2$ $\frac{h^3}{-2k^5}$