

Mat 100  
Worksheet #1

Simplify:

1.  $6 - (2 - 4)^2 - 8/3^2 * 4$

Combine like terms:

2.  $7x - 14 - 12x - 20$

3. Express answer with only negative exponents:

a.  $(-2x^2y^{-4})^{-2}$

b.  $\frac{-8x^{-3}y^6}{4y^{-2}}$

4. Put into scientific notation:

a. .0000000000006

b. 3,678,000,000