

Integer Exponents and Scientific Notation WS**Simplify each expression.**

1) 4^{-5}

2) -2^7

3) $(5abc)^0$

4) $9x^{-2}y^5$

5) $(-3)^{-4}$

6) -6^2

7) Evaluate: $3x^2y^{-2}$ for $x = 3$ and $y = 4$

Write each in standard form.

8) 45.21×10^5

9) 217.39×10^{-7}

Write each in scientific notation.

10) 36,987

11) 0.00000007391