

Name: _____
8A; Algebra 1

Date: _____
Period _____

Homework

Transform each given expression into an equivalent expression involving a positive exponent. Simplify where necessary.

1) 10^{-4}

2) r^{-3}

3) 10^0

4) $(-4)^0$

5) -4^0

6) 3^{-2}

7) $7^0 + 6^{-2}$

8) $4(10)^{-2}$

9) $3^{-4} \cdot 3^{-2}$

10) m^{-6}

11) $\left(\frac{1}{2}\right)^0 + 3^{-3}$

12) $-2 \cdot 4^{-1}$

****Challenge:** $7x^0 - (6x)^0$