10.4

Zero and Negative Exponents (Day 2)

PRACTICE

Evaluate the expression.

1. 29^0

2. 12^{-1}

3. $10^{-4} \bullet 10^{-6}$

4. $\dfrac{1}{3^{-3}} \bullet \dfrac{1}{3^5}$

PRACTICE

Simplify. Write the expression using only positive exponents.

5. $19x^{-6}$

6. $\dfrac{14a^{-5}}{a^{-8}}$

PRACTICE

Simplify. Write the expression using only positive exponents.

7. $3t^6 \cdot 8t^{-6}$

8. $\dfrac{12s^{-1} \cdot 4^{-2} \cdot r^3}{s^2 \cdot r^5}$