

Quiz 79

Evaluate. Write your answers without exponents. Do not use a calculator.

1. $6^3 \cdot 3^{-2}$

2. $64^{2/3}$

Simplify. Write your answers in exponential form with positive exponents.

3. $4x^5 \cdot 3x^0 \cdot (6x^2)^{-1}$

4. $(1000x^{3/4})^{1/3}$

Simplify. Write your answers in scientific notation.

5. $(5 \times 10^4)(6 \times 10^3)$