

NAME: _____

A2.A.11: Rewrite algebraic expressions in radical form as expressions with fractional exponents

1. 060708b, P.I. A2.A.11

The volume of a soap bubble is represented by the equation $V = 0.094\sqrt{A^3}$, where A represents the surface area of the bubble. Which expression is also equivalent to V ?

- [A] $0.094A^{\frac{3}{2}}$ [B] $0.094A^{\frac{2}{3}}$
[C] $(0.094A^3)^{\frac{1}{2}}$ [D] $0.094A^6$

2. 060419b, P.I. A2.A.11

The expression $\sqrt[4]{16a^6b^4}$ is equivalent to

- [A] $4a^2b$ [B] $2a^{\frac{3}{2}}b$
[C] $2a^2b$ [D] $4a^{\frac{3}{2}}b$

A2.A.11: Rewrite algebraic expressions in radical form as expressions with fractional exponents

[1] A _____

[2] B _____