



nth Roots: Finding Roots

Simplify $\sqrt[3]{-216 x^3 y^{12}}$.

Drag and drop your answer to correctly complete the equation.

$$\sqrt[3]{-216 x^3 y^{12}} = \text{[]}$$

- A) $-6x^2y^6$ B) $6xy^4$ C) $6x^2y^6$ D) $-6xy^4$

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Simplify $\sqrt[3]{64 y^{15}}$.

Drag and drop your answer to correctly complete the equation.

$$\sqrt[3]{64 y^{15}} = \text{[]}$$

- A) $16y^5$ B) $4y^{10}$ C) $4y^5$ D) $8y^5$

Simplify $\pm\sqrt{81 x^{12}}$.

A $\pm 9x^2$

B $\pm 3x^3$

C $\pm 9x^3$

D $\pm 9x^6$