

Correct. To simplify the expression, find the cube root of 125 and the cube root of m^3 .

$$\sqrt[3]{125m^3} = \sqrt[3]{5 \cdot 5 \cdot 5 \cdot m^3} = \sqrt[3]{5^3 \cdot m^3} = \sqrt[3]{5^3} \cdot \sqrt[3]{m^3} = 5m$$