

# M10 - 4.1 - Entire to Mixed Radicals HW

*Simplify*

$$\sqrt[2]{12} =$$

$$\sqrt[2]{18} =$$

$$\sqrt[2]{45} =$$

$$\sqrt[2]{50} =$$

$$\sqrt[2]{20x^2} =$$

$$\sqrt[2]{63}$$

$$\sqrt[2]{24} =$$

$$\sqrt[2]{54} =$$

$$\sqrt[2]{40} =$$

$$\sqrt[2]{27x^3} =$$

$$\sqrt[2]{8} =$$

$$\sqrt[2]{125x^5} =$$

$$\sqrt[2]{32} =$$

$$\sqrt[2]{243} =$$

$$\sqrt[2]{30125} =$$

$$\sqrt[2]{72y^3} =$$

$$\sqrt[2]{108} =$$

$$\sqrt[2]{500} =$$

## M10 - 4.1 - Cube Entire to Mixed Radicals HW

*Simplify*

$$\sqrt[3]{24} =$$

$$\sqrt[3]{54} =$$

$$\sqrt[3]{250} =$$

$$\sqrt[3]{-40} =$$

$$\sqrt[3]{189} =$$

$$\sqrt[3]{686} =$$

$$\sqrt[3]{48} =$$

$$\sqrt[3]{162} =$$

$$\sqrt[3]{112} =$$

$$\sqrt[3]{16} =$$

$$\sqrt[3]{-81} =$$

$$\sqrt[3]{625} =$$

$$\sqrt[3]{128} =$$

$$\sqrt[3]{2187} =$$

$$\sqrt[3]{-50625} =$$