

Name _____ Formative Assessment Simplifying Expressions with Radicals Hour ____

Completely simplify each expression. Final Answer cannot have a radical in the denominator or use negative exponents

Show ALL Work to receive credit

$$\sqrt{24x^3y^{-8}}$$

$$\sqrt[3]{24x^3y^{-8}}$$

Name _____ Formative Assessment Simplifying Expressions with Radicals Hour ____

Completely simplify each expression. Final Answer cannot have a radical in the denominator or use negative exponents

Show ALL Work to receive credit

$$\sqrt{32x^5y^{-10}}$$

$$\sqrt[3]{32x^5y^{-10}}$$

Completely simplify each expression. Final Answer cannot have a radical in the denominator or use negative exponents

Show ALL Work to receive credit

$$\frac{1}{\sqrt{15}}$$

$$\frac{4}{\sqrt{12}}$$

$$\frac{3}{\sqrt[3]{9}}$$

Completely simplify each expression. Final Answer cannot have a radical in the denominator or use negative exponents

Show ALL Work to receive credit

$$\frac{1}{\sqrt{20}}$$

$$\frac{8}{\sqrt{24}}$$

$$\frac{6}{\sqrt[3]{36}}$$

Name _____ Formative Assessment Simplifying Expressions with Radicals Hour ____

Completely simplify each expression. Final Answer cannot have a radical in the denominator or use negative exponents

Show ALL Work to receive credit

$$\sqrt{40x^5y^{-12}}$$

$$\sqrt[3]{40x^5y^{-12}}$$

Name _____ Formative Assessment Simplifying Expressions with Radicals Hour ____

Completely simplify each expression. Final Answer cannot have a radical in the denominator or use negative exponents

Show ALL Work to receive credit

$$\sqrt{44x^7y^{-18}}$$

$$\sqrt[3]{44x^7y^{-18}}$$

Completely simplify each expression. Final Answer cannot have a radical in the denominator or use negative exponents

Show ALL Work to receive credit

$$\frac{1}{\sqrt{10}}$$

$$\frac{6}{\sqrt{18}}$$

$$\frac{4}{\sqrt[3]{16}}$$

Completely simplify each expression. Final Answer cannot have a radical in the denominator or use negative exponents

Show ALL Work to receive credit

$$\frac{1}{\sqrt{14}}$$

$$\frac{8}{\sqrt{24}}$$

$$\frac{5}{\sqrt[3]{25}}$$