

SIMPLIFYING RADICALS: GUIDED NOTES



Remember

If there is no visible index, the index is always _____.

Simplifying Radicals

1. Find the _____ of the _____.
2. Circle groups of identical factors based on the _____.
3. Write each factor from each group once as the _____.

Examples

1) Simplify: $\sqrt{24}$

2) Simplify: $\sqrt[3]{24}$

3) Simplify: $\sqrt{x^4 y^3}$

4) Simplify: $\sqrt[3]{x^4 y^3}$

5) Simplify: $\sqrt{96x^2 y^5}$

6) Simplify: $\sqrt[3]{96x^2 y^5}$