

How to Simplify Radicals

Example #1

Simplify: $\sqrt{48}$

$$\sqrt{48} = \sqrt{16} \times \sqrt{3}$$

$\downarrow \qquad \downarrow$

$$4 \times \sqrt{3}$$

$$= 4\sqrt{3}$$

Example #2

Simplify: $\sqrt{72}$

$$\sqrt{72} = \sqrt{36} \times \sqrt{2}$$

$\downarrow \qquad \downarrow$

$$6 \times \sqrt{2}$$

$$= 6\sqrt{2}$$

Example #3

Simplify: $\sqrt{320}$

$$\sqrt{320} = \sqrt{64} \times \sqrt{5}$$

$\downarrow \qquad \downarrow$

$$8 \times \sqrt{5}$$

$$= 8\sqrt{5}$$

Roots For Radicals

Joseph Shimron



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Roots for Radicals Edward T. Chambers, 2018-01-25 The successor to the legendary activist Saul Alinsky Edward T Chambers pioneered a set of principles and practices that have guided community organizations throughout the US and the world Roots for Radicals remains his definitive reflection on these fundamental principles of community activism how as public citizens we can navigate the gap between the world as it is and as it should be between self interest and self sacrifice and in doing so create lasting change for our communities In the face of the increasingly turbulent politics of the 21st century Chambers s book has never been more relevant

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