

## mobius

## Radicals - Cube - Simplifying, Values and Variables, Radical Remaining



1 Simplify the radical	A B C $2m^2\sqrt{5d}5m\sqrt{d}5m\sqrt{2d}$	$oldsymbol{2}$ Simplify the radical	$egin{array}{c c} A & B & C \ 6d^2\sqrt{6x}4d\sqrt{3x} & d\sqrt{x} \ \end{array}$
$\sqrt{20dm^4}$	D E $m^2\sqrt{4d}5m\sqrt{8d}$	$\sqrt{48xd^2}$	$2d\sqrt{x}5d\sqrt{x}$
3 Simplify the radical	$5nr\sqrt{2n}$ $6n^2r\sqrt{n}$	4 Simplify the radical	
$\sqrt{50n^3r^2}$	$-rac{ extstyle  extstyl$	$\sqrt{50z^2m^3}$	
$\sqrt{50}n^{3}n^{2}$	$rac{1}{2nr^2\sqrt{4n}}$	A $2zm\sqrt{3m^3}$ C $5zm^3\sqrt{3m^3}$ E $5zm\sqrt{2m}$	$egin{array}{cccccccccccccccccccccccccccccccccccc$
5 Simplify the radical		6 Simplify the radical	$oxed{f A \ 4x^3b\sqrt{6x^2b^2}} oxed{f x}^{f B} oxed{x^2b\sqrt{5xb}}$
$\sqrt{32y^2b^5}$		$\sqrt{27x^3b^3}$	$3xb\sqrt{3xb}$ $xb^2\sqrt{4x^3b}$
A $2yb^3\sqrt{2b^2}$ C $3y^3b^2\sqrt{b}$ E $yb\sqrt{5b}$	B $4yb^2\sqrt{2b}$ D $4yb^3\sqrt{b}$	VZIX°0°	$xb^3\sqrt{4xb^3}$
7 Simplify the radical	$y^2\sqrt{6y^2x}y^2\sqrt{7yx}$	8 Simplify the radical	
1 /1 E a 13 m	$\int_{\mathbb{R}}^{\mathbb{C}} \sqrt{7yx^3}  3y\sqrt{5yx^3}$	$\sqrt{18d^3y^4}$	
$\sqrt{43}g^*x$		$egin{array}{cccc} {\sf A} & dy^4\sqrt{2d} \ {\sf C} & dy\sqrt{d} \end{array}$	$egin{array}{cccccccccccccccccccccccccccccccccccc$
	$5y^2\sqrt{2yx^3}$	$ay \vee a$	Say V 2a