



Math worksheet on 'Radicals - Cube - Simplifying, Values and Variables, Nothing Remaining (Level 3)'.
Part of a broader unit on 'Radicals - Simplifying Advanced'

Learn online: app.mobius.academy/math/units/radicals_simplifying_advanced/

1	Simplify the radical		
	a	b	c
	$2xc^3$	x^2c	$xc^2\sqrt{3}$
	$\sqrt{16x^2c^2}$		
	d	e	
	$4xc$	$xc\sqrt{4}$	

2	Simplify the radical		
	a	b	c
	$7c^3r$	$cr\sqrt{2}$	$5c^4r^3\sqrt{3}$
	$\sqrt{16c^4r^2}$		
	d	e	
	$7c^2r^3$	$4c^2r$	

3	Simplify the radical		
	a	b	c
	$p^2b\sqrt{4}$	$6p^2b$	$6p^3b^3\sqrt{2}$
	$\sqrt{16p^4b^2}$		
	d	e	
	$4p^2b$	$5pb$	

4	Simplify the radical		
	a	b	c
	$5xb^2$	$2xb^2$	x^3b^4
	$\sqrt{4x^2b^4}$		
	d	e	
	$4x^2b^3\sqrt{2}$	$xb^3\sqrt{2}$	

5	Simplify the radical		
	a	b	c
	$2bd$	b^3d	bd
	$\sqrt{4b^2d^2}$		
	d	e	
	b^2d	$3b^2d^3$	

6	Simplify the radical				
	$\sqrt{25y^4x^2}$				
	a	b	c	d	e
	$y^3x\sqrt{3}$	$8yx$	$6y^2x^2$	yx^2	$5y^2x$

7	Simplify the radical				
	$\sqrt{25p^2y^2}$				
	a	b	c	d	e
	$6py$	$8py\sqrt{4}$	$4p^3y\sqrt{2}$	$5py$	$8py^2\sqrt{4}$