



Math worksheet on 'Radicals - Cube - Simplify From Cubed Factors, Values only, Radical Remaining (Level 3)'. Part of a broader unit on 'Radicals - Simplifying Practice'

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

1	Simplify the radical		
	a	b	c
	$6\sqrt{10}$	$6\sqrt{8}$	$5\sqrt{7}$
	$\sqrt{5^2 \cdot 7}$		
	d	e	f
	$3\sqrt{3}$	$\sqrt{7}$	$7\sqrt{7}$

2	Simplify the radical		
	a	b	c
	$5\sqrt{3}$	1	$2\sqrt{3}$
	$\sqrt{2^2 \cdot 3}$		
	d	e	f
	3	$\sqrt{2}$	$3\sqrt{2}$

3	Simplify the radical		
	a	b	c
	$8\sqrt{5}$	$3\sqrt{2}$	8
	$\sqrt{5^2 \cdot 5}$		
	d	e	f
	$5\sqrt{5}$	$\sqrt{4}$	$3\sqrt{4}$

4	Simplify the radical		
	a	b	c
	$2\sqrt{13}$	$2\sqrt{12}$	$2\sqrt{11}$
	$\sqrt{2^2 \cdot 11}$		
	d	e	f
	$\sqrt{8}$	$\sqrt{7}$	$3\sqrt{14}$

5	Simplify the radical					
	$\sqrt{2^2 \cdot 2^2 \cdot 7}$					
	a	b	c	d	e	f
	$3\sqrt{5}$	$4\sqrt{7}$	$\sqrt{10}$	$5\sqrt{9}$	$2\sqrt{6}$	$5\sqrt{5}$

6	Simplify the radical		
	a	b	c
	$\sqrt{11}$	$4\sqrt{7}$	$2\sqrt{10}$
	$\sqrt{3^2 \cdot 11}$		
	d	e	f
	$3\sqrt{11}$	$6\sqrt{7}$	$6\sqrt{14}$