



Math worksheet on 'Radicals - Square - Simplifying, Values only, Radical Remaining (Level 3)'. Part of a broader unit on 'Radicals - Simplifying Intro'

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

1 Simplify the radical $\sqrt{99}$	a	b	c
	$5\sqrt{12}$	$6\sqrt{8}$	$3\sqrt{8}$
	d	e	
	$5\sqrt{10}$	$3\sqrt{11}$	

2 Simplify the radical $\sqrt{48}$	a	b	c
	$\sqrt{3}$	1	$6\sqrt{5}$
	d	e	
	$4\sqrt{3}$	7	

3 Simplify the radical $\sqrt{27}$	a	b	c
	$3\sqrt{3}$	$3\sqrt{6}$	4
	d		
	2		

4 Simplify the radical $\sqrt{80}$	a	b	c
	$2\sqrt{6}$	$3\sqrt{2}$	$4\sqrt{5}$
	d	e	
	2	$2\sqrt{3}$	

5 Simplify the radical $\sqrt{112}$	a	b	c
	$6\sqrt{10}$	$5\sqrt{4}$	$\sqrt{9}$
	d	e	
	$6\sqrt{4}$	$4\sqrt{7}$	

6 Simplify the radical $\sqrt{45}$	a	b	c
	$5\sqrt{4}$	$5\sqrt{7}$	$2\sqrt{6}$
	d	e	
	$3\sqrt{5}$	$3\sqrt{2}$	

7 Simplify the radical $\sqrt{275}$	a	b	c
	$6\sqrt{14}$	$5\sqrt{11}$	$2\sqrt{12}$
	d	e	
	$\sqrt{11}$	$5\sqrt{7}$	