Mobius Math Club

Name:	

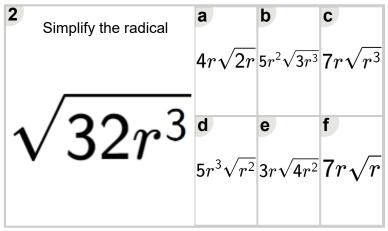


Math worksheet on 'Radicals - Cube - Simplifying, Values and Variables, Radical Remaining (Level 1)'.

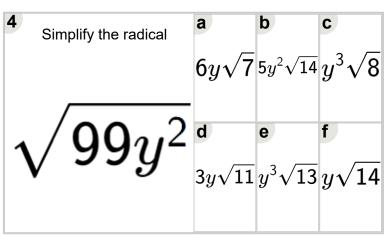
Part of a broader unit on 'Radicals - Simplifying Practice'

Learn online: app.mobius.academy/math/units/radicals\_simplifying\_practice/

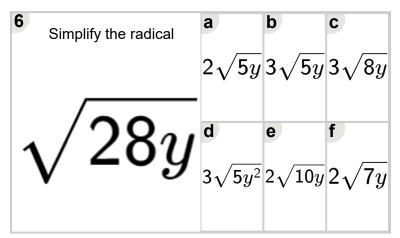
Simplify the radical	а	b	С
	$7\sqrt{6x^3}$	$6\sqrt{3x^2}$	$5\sqrt{4x}$
$\sqrt{48x}$	d $4\sqrt{3x}$	e $4\sqrt{6x}$	$rac{1}{4\sqrt{5x}}$



3 Simplify the radical	a $3\sqrt{7r^3}$	b $6\sqrt{9r}$	$rac{\mathbf{c}}{2\sqrt{3r}}$
$\sqrt{112r}$	d $7\sqrt{4r^2}$	e $4\sqrt{9r}$	f $4\sqrt{7r}$



Simplify the radical	a $5\sqrt{11m}$	$\sqrt{7m}$	$oldsymbol{c}$ $4\sqrt{12m^2}$
$\sqrt{275}m$	d $\sqrt{12m^3}$	e $8\sqrt{12m}$	$oldsymbol{f}$ $5\sqrt{10m}$



Simplify the radical	a $3c^2\sqrt{c}$	b $4c\sqrt{c}$	$c\sqrt{c}$
$\sqrt{75c^3}$	$oldsymbol{d}$ 3 $c^2\sqrt{2c^3}$	e $5c\sqrt{3c}$	$rac{{ extsf{f}}}{3c\sqrt{6c}}$