mobius
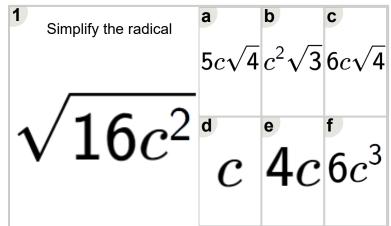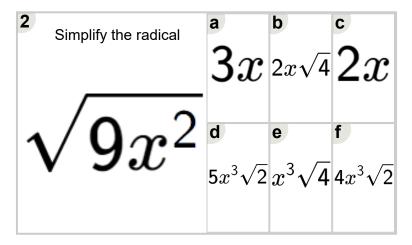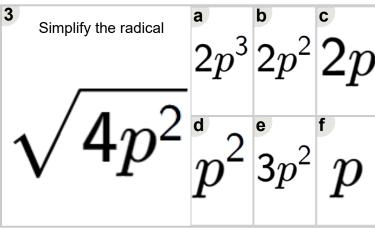
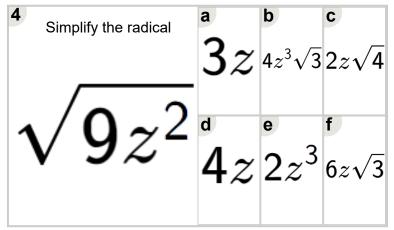Math worksheet on *'Radicals - Cube - Simplifying, Values and Variables, Nothing Remaining (Level 1)'*. Part of a broader unit on *'Radicals - Simplifying Practice'*
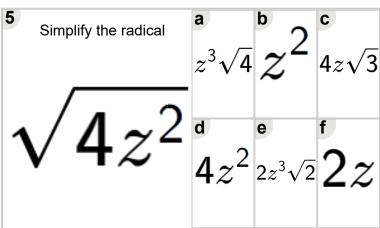
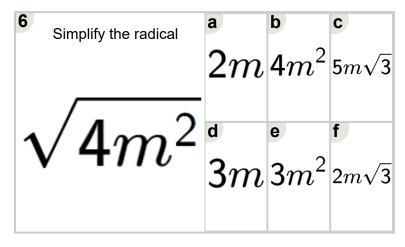Learn online: app.mobius.academy/math/units/radicals_simplifying_practice/

1 Simplify the radical

$$\sqrt{16c^2}$$

a	b	c
$5c\sqrt{4}$	$c^2\sqrt{3}$	$6c\sqrt{4}$

d	e	f
c	$4c$	$6c^3$

2 Simplify the radical

$$\sqrt{9x^2}$$

a	b	c
$3x$	$2x\sqrt{4}$	$2x$

d	e	f
$5x^3\sqrt{2}$	$x^3\sqrt{4}$	$4x^3\sqrt{2}$

3 Simplify the radical

$$\sqrt{4p^2}$$

a	b	c
$2p^3$	$2p^2$	$2p$

d	e	f
p^2	$3p^2$	p

4 Simplify the radical

$$\sqrt{9z^2}$$

a	b	c
$3z$	$4z^3\sqrt{3}$	$2z\sqrt{4}$

d	e	f
$4z$	$2z^3$	$6z\sqrt{3}$

5 Simplify the radical

$$\sqrt{4z^2}$$

a	b	c
$z^3\sqrt{4}$	z^2	$4z\sqrt{3}$

d	e	f
$4z^2$	$2z^3\sqrt{2}$	$2z$

6 Simplify the radical

$$\sqrt{4m^2}$$

a	b	c
$2m$	$4m^2$	$5m\sqrt{3}$

d	e	f
$3m$	$3m^2$	$2m\sqrt{3}$

7 Simplify the radical

$$\sqrt{16x^2}$$

a	b	c
$3x\sqrt{4}$	$4x$	$2x^2$

d	e	f
$4x^3$	$6x\sqrt{2}$	x^3