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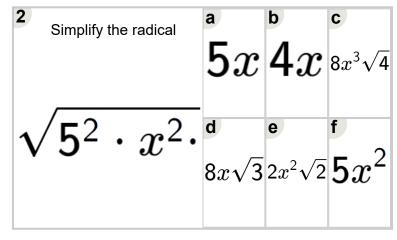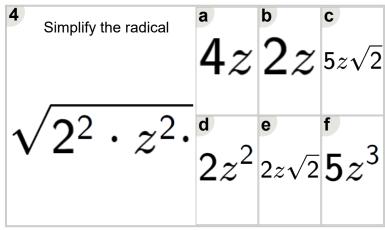
Math worksheet on *'Radicals - Cube - Simplify From Cubed Factors, Values and Variables, Nothing Remaining (Level 1)'*. Part of a broader unit on *'Radicals - Simplifying Practice'*
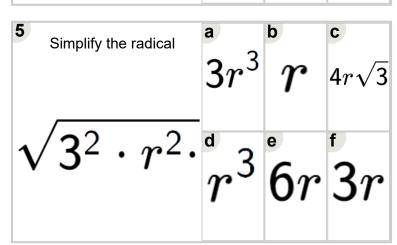
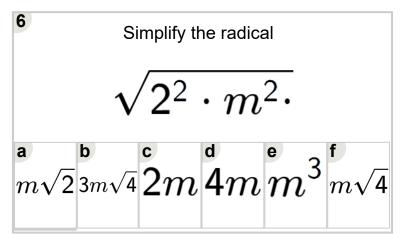Learn online: app.mobius.academy/math/units/radicals_simplifying_practice/

1 Simplify the radical

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

a	b	c
$2c$	c	$2c^3$
d	**e**	**f**
$5c\sqrt{3}$	$4c\sqrt{4}$	$c^3\sqrt{3}$

2 Simplify the radical

$$\sqrt{5^2 \cdot x^2 \cdot}$$

a	b	c
$5x$	$4x$	$8x^3\sqrt{4}$
d	**e**	**f**
$8x\sqrt{3}$	$2x^2\sqrt{2}$	$5x^2$

3 Simplify the radical

$$\sqrt{2^2 \cdot r^2 \cdot}$$

a	b	c
$2r$	$3r^3\sqrt{3}$	$3r$
d	**e**	**f**
$r\sqrt{2}$	r^3	r

4 Simplify the radical

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

a	b	c
$4z$	$2z$	$5z\sqrt{2}$
d	**e**	**f**
$2z^2$	$2z\sqrt{2}$	$5z^3$

5 Simplify the radical

$$\sqrt{3^2 \cdot r^2 \cdot}$$

a	b	c
$3r^3$	r	$4r\sqrt{3}$
d	**e**	**f**
r^3	$6r$	$3r$

6 Simplify the radical

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

a	b	c	d	e	f
$m\sqrt{2}$	$3m\sqrt{4}$	$2m$	$4m$	m^3	$m\sqrt{4}$

7 Simplify the radical

$$\sqrt{3^2 \cdot c^2 \cdot}$$

a	b	c
$6c$	$4c$	$c\sqrt{3}$
d	**e**	**f**
$5c\sqrt{3}$	$3c$	c^3