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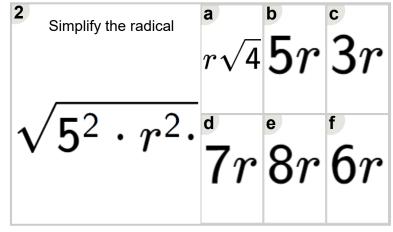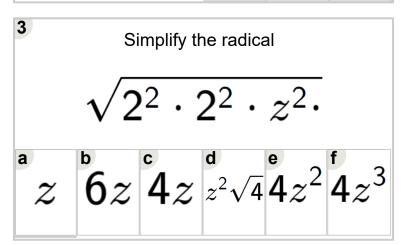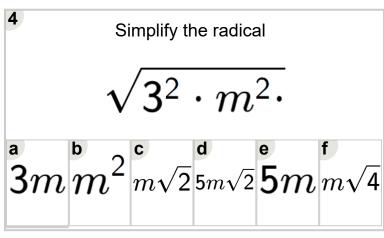
Math worksheet on *'Radicals - Square - Simplify From Squared Factors, Values and Variables, Nothing Remaining (Level 1)'*. Part of a broader unit on *'Radicals - Simplifying Intro'*
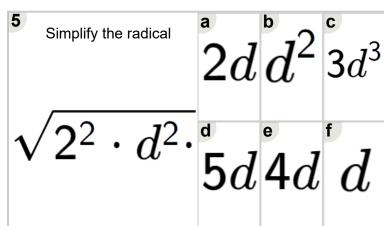
Learn online: app.mobius.academy/math/units/radicals_simplifying_intro/

1 Simplify the radical

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

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

d	e	f
$3d$	$3d^2$	$6d^2$

2 Simplify the radical

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

a	b	c
$r\sqrt{4}$	$5r$	$3r$

d	e	f
$7r$	$8r$	$6r$

3 Simplify the radical

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

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

4 Simplify the radical

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

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

5 Simplify the radical

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

a	b	c
$2d$	d^2	$3d^3$

d	e	f
$5d$	$4d$	d

6 Simplify the radical

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

a	b	c
$3n$	$6n\sqrt{3}$	$5n$

d	e	f
n^2	$7n^3\sqrt{4}$	$2n$

7 Simplify the radical

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

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

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