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Math worksheet on *'Radicals - Square - Simplify From Squared Factors, Values and Variables, Nothing Remaining (Level 2)'*. Part of a broader unit on *'Radicals - Simplifying Practice'*

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

1 Simplify the radical

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

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

2 Simplify the radical

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

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

3 Simplify the radical

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

a	b	c	d	e	f
$2x\sqrt{2}$	$6x$	$x\sqrt{4}$	$2x$	$5x$	$3x$

4 Simplify the radical

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

a	b	c	d	e	f
$2b^2$	$7b$	$2b$	$3b$	$3b^3$	$5b$

5 Simplify the radical

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

a	b	c	d	e	f
$6c^2$	$4c$	$3c^2$	c^4	$3c$	c

6 Simplify the radical

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

a	b	c	d	e	f
$8b^3$	$7b\sqrt{3}$	$3b^4$	$4b^2$	$5b^2$	$8b^4\sqrt{3}$

7 Simplify the radical

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

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