Math worksheet on *'Radicals - Square - Simplifying from 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

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

a	b	c	d	e	f
m	$2m^3$	$6m\sqrt{3}$	$3m^3$	$7m\sqrt{2}$	$4m$

2 Simplify the radical

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

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

3 Simplify the radical

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

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

4 Simplify the radical

$$\sqrt{3 \cdot 3 \cdot n \cdot n}$$

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

5 Simplify the radical

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

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

6 Simplify the radical

$$\sqrt{5 \cdot 5 \cdot m \cdot m}$$

a	b	c	d	e	f
$3m^3\sqrt{2}$	m	$7m$	$8m$	$5m$	$6m\sqrt{2}$

7 Simplify the radical

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

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