mobius

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

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

1 Simplify the radical $\sqrt{9p^4}$

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

2 Simplify the radical $\sqrt{16n^2}$

a	b	c
$2n$	$4n$	n
d	**e**	**f**
$7n^3$	$2n^2$	$6n$

3 Simplify the radical $\sqrt{25r^4}$

a	b	c
$6r^4$	$6r\sqrt{3}$	$2r\sqrt{4}$
d	**e**	**f**
$3r^4$	$7r$	$5r^2$

4 Simplify the radical $\sqrt{4p^4}$

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

5 Simplify the radical $\sqrt{4d^4}$

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

6 Simplify the radical $\sqrt{25b^4}$

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

7 Simplify the radical $\sqrt{4c^4}$

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