



Math worksheet on 'Radicals - Cube - Simplifying, Values only, Radical 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

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

$\sqrt{175}$

2 Simplify the radical

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

$\sqrt{45}$

3 Simplify the radical

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

$\sqrt{20}$

4 Simplify the radical

a	b	c
$\sqrt{3}$	$\sqrt{6}$	$4\sqrt{5}$
d	e	f
1	$\sqrt{5}$	$3\sqrt{3}$

$\sqrt{27}$

5 Simplify the radical

a	b	c
7	$4\sqrt{2}$	$\sqrt{3}$
d	e	f
1	6	4

$\sqrt{32}$

6 Simplify the radical

a	b	c
$\sqrt{6}$	$5\sqrt{9}$	$4\sqrt{7}$
d	e	f
$4\sqrt{3}$	$2\sqrt{4}$	$2\sqrt{7}$

$\sqrt{28}$