



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

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

a	b	c	d	e	f
8	7	$5\sqrt{4}$	$6\sqrt{5}$	$\sqrt{3}$	$5\sqrt{2}$

2 Simplify the radical

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

a	b	c	d	e	f
4	1	$4\sqrt{3}$	$\sqrt{6}$	5	2

3 Simplify the radical

$$\sqrt{5 \cdot 5 \cdot 11}$$

a	b	c	d	e	f
$3\sqrt{10}$	$5\sqrt{11}$	$8\sqrt{9}$	$3\sqrt{14}$	$2\sqrt{11}$	$3\sqrt{7}$

4 Simplify the radical

$$\sqrt{3 \cdot 5 \cdot 5}$$

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

5 Simplify the radical

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

a	b	c	d	e	f
$4\sqrt{3}$	$5\sqrt{7}$	$2\sqrt{5}$	$4\sqrt{4}$	$\sqrt{5}$	1