



Math worksheet on 'Radicals - Cube - Simplifying from Factors, Values only, Radical Remaining (Level 3)'. Part of a broader unit on 'Radicals - Simplifying Practice'

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

2 Simplify the radical

$$\sqrt{2 \cdot 2 \cdot 11}$$

a	b	c	d	e	f
$4\sqrt{8}$	$\sqrt{12}$	$2\sqrt{11}$	$5\sqrt{12}$	$\sqrt{14}$	$\sqrt{10}$

1 Simplify the radical

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

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

3 Simplify the radical

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

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

4 Simplify the radical

$$\sqrt{5 \cdot 5 \cdot 7}$$

a	b	c	d	e	f
$8\sqrt{10}$	$5\sqrt{9}$	$7\sqrt{10}$	$2\sqrt{6}$	$5\sqrt{7}$	$5\sqrt{10}$

5 Simplify the radical

$$\sqrt{2 \cdot 2 \cdot 2 \cdot 2 \cdot 7}$$

a	b	c	d	e	f
$\sqrt{6}$	$3\sqrt{6}$	$4\sqrt{7}$	$6\sqrt{4}$	$\sqrt{8}$	$\sqrt{9}$

6 Simplify the radical

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

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

7 Simplify the radical

$$\sqrt{3 \cdot 3 \cdot 11}$$

a	b	c	d	e	f
$\sqrt{10}$	$3\sqrt{11}$	$4\sqrt{12}$	$5\sqrt{14}$	$2\sqrt{8}$	$\sqrt{8}$