



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

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1

Simplify the radical

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

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

2

Simplify the radical

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

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

3

Simplify the radical

$$\sqrt{3^2 \cdot 11}$$

a	b	c
$4\sqrt{7}$	$6\sqrt{14}$	$3\sqrt{11}$
d	e	f
$6\sqrt{7}$	$2\sqrt{10}$	$\sqrt{11}$

4

Simplify the radical

$$\sqrt{5^2 \cdot 7}$$

a	b	c
$6\sqrt{8}$	$7\sqrt{7}$	$6\sqrt{10}$
d	e	f
$5\sqrt{7}$	$3\sqrt{3}$	$\sqrt{7}$

5

Simplify the radical

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

a	b	c
$2\sqrt{13}$	$\sqrt{7}$	$3\sqrt{14}$
d	e	f
$2\sqrt{11}$	$2\sqrt{12}$	$\sqrt{8}$

6

Simplify the radical

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

a	b	c	d	e	f
$4\sqrt{7}$	$5\sqrt{9}$	$3\sqrt{5}$	$\sqrt{10}$	$5\sqrt{5}$	$2\sqrt{6}$