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

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1

Simplify the radical

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

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

2

Simplify the radical

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

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

3

Simplify the radical

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

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

4

Simplify the radical

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

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

5

Simplify the radical

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

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

6

Simplify the radical

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

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

7

Simplify the radical

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

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

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