Math worksheet on *'Radicals - Square - Simplifying from Factors, Values only, Radical Remaining (Level 1)'*. Part of a broader unit on *'Radicals - Simplifying Intro'*

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1 Simplify the radical

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

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

2 Simplify the radical

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

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

3 Simplify the radical

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

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

4 Simplify the radical

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

a	b	c	d	e	f
$5\sqrt{14}$	$\sqrt{14}$	$4\sqrt{9}$	$\sqrt{13}$	$4\sqrt{11}$	$\sqrt{12}$

5 Simplify the radical

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

a	b	c	d	e	f
$3\sqrt{8}$	$2\sqrt{9}$	$4\sqrt{7}$	$\sqrt{5}$	$5\sqrt{6}$	$2\sqrt{7}$

6 Simplify the radical

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

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