



Math worksheet on 'Radicals - Square - Simplifying from Factors, Values only, Radical Remaining (Level 2)'. Part of a broader unit on 'Radicals - Simplifying Practice'

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1 Simplify the radical

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

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

2 Simplify the radical

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

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

3 Simplify the radical

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

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

4 Simplify the radical

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

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

5 Simplify the radical

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

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

6 Simplify the radical

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

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