



Math worksheet on 'Radicals - Addition Under Squared Radical to Integer (Level 2)'. Part of a broader unit on 'Radicals - Simplifying Intro'

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

1 Simplify the radical.

$$\sqrt{127 - 27}$$

a	b	c	d	e	f
$7\sqrt{2}$	8	11	$11\sqrt{4}$	10	9

2 Simplify the radical.

$$\sqrt{20 - 4}$$

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

3 Simplify the radical.

$$\sqrt{12 + 24}$$

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

4 Simplify the radical.

$$\sqrt{115 - 15}$$

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

5 Simplify the radical.

$$\sqrt{74 - 10}$$

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

6 Simplify the radical.

$$\sqrt{21 + 15}$$

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

7 Simplify the radical.

$$\sqrt{1 + 3}$$

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