Math worksheet on *'Radicals - Addition Under Squared Radical Times Integer 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.

$$3\sqrt{32+17}$$

a	b	c	d	e	f
21	$19\sqrt{4}$	$20\sqrt{2}$	$22\sqrt{2}$	22	23

2 Simplify the radical.

$$5\sqrt{44-8}$$

a	b	c	d	e	f
$27\sqrt{2}$	$31\sqrt{3}$	30	$30\sqrt{4}$	27	26

3 Simplify the radical.

$$4\sqrt{1+3}$$

a	b	c	d	e	f
$10\sqrt{4}$	11	6	8	$10\sqrt{2}$	$8\sqrt{2}$

4 Simplify the radical.

$$3\sqrt{13+3}$$

a	b	c	d	e	f
$13\sqrt{3}$	15	$13\sqrt{2}$	$8\sqrt{3}$	12	9

5 Simplify the radical.

$$2\sqrt{67-3}$$

a	b	c	d	e	f
$14\sqrt{2}$	12	18	16	19	$18\sqrt{2}$

6 Simplify the radical.

$$4\sqrt{64-15}$$

a	b	c	d	e	f
$24\sqrt{3}$	$29\sqrt{3}$	30	27	$26\sqrt{3}$	28

7 Simplify the radical.

$$2\sqrt{5+11}$$

a	b	c	d	e	f
11	7	$11\sqrt{3}$	$6\sqrt{2}$	10	8