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Math worksheet on *'Radicals - Addition Under Squared Radical Times Integer To Integer (Level 1)'*. Part of a broader unit on *'Radicals - Simplifying Intro'*

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

1 Simplify the radical.

$$3\sqrt{21+4}$$

a	b	c	d	e	f
16	$16\sqrt{3}$	15	$13\sqrt{3}$	$16\sqrt{2}$	11

2 Simplify the radical.

$$5\sqrt{16+20}$$

a	b	c	d	e	f
28	$30\sqrt{2}$	$31\sqrt{4}$	26	32	30

3 Simplify the radical.

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

a	b	c	d	e	f
8	11	$7\sqrt{2}$	$8\sqrt{2}$	$6\sqrt{4}$	$8\sqrt{4}$

4 Simplify the radical.

$$4\sqrt{10-1}$$

a	b	c	d	e	f
$10\sqrt{3}$	8	12	13	$10\sqrt{2}$	14

5 Simplify the radical.

$$2\sqrt{1+3}$$

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

6 Simplify the radical.

$$5\sqrt{16+9}$$

a	b	c	d	e	f
$21\sqrt{3}$	25	22	28	$27\sqrt{3}$	24

7 Simplify the radical.

$$4\sqrt{12+4}$$

a	b	c	d	e	f
$18\sqrt{3}$	12	$19\sqrt{4}$	$15\sqrt{4}$	16	19