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

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1 Simplify the radical.

$$3\sqrt{9+23}$$

a	b	c	d	e	f
15	$14\sqrt{3}$	$10\sqrt{2}$	$14\sqrt{4}$	$12\sqrt{2}$	12

2 Simplify the radical.

$$2\sqrt{2+25}$$

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

3 Simplify the radical.

$$4\sqrt{138-26}$$

a	b	c	d	e	f
$17\sqrt{6}$	$16\sqrt{7}$	$12\sqrt{7}$	$13\sqrt{7}$	$17\sqrt{8}$	$12\sqrt{6}$

4 Simplify the radical.

$$4\sqrt{94+31}$$

a	b	c	d	e	f
$20\sqrt{3}$	$21\sqrt{5}$	$20\sqrt{5}$	$20\sqrt{4}$	$18\sqrt{7}$	$16\sqrt{4}$

5 Simplify the radical.

$$5\sqrt{58+50}$$

a	b	c	d	e	f
$28\sqrt{5}$	$33\sqrt{6}$	$30\sqrt{6}$	26	$30\sqrt{3}$	$26\sqrt{4}$

6 Simplify the radical.

$$5\sqrt{41+135}$$

a	b	c	d	e	f
$20\sqrt{11}$	$22\sqrt{14}$	$21\sqrt{7}$	$22\sqrt{9}$	$18\sqrt{8}$	$21\sqrt{11}$

7 Simplify the radical.

$$3\sqrt{70-7}$$

a	b	c	d	e	f
$12\sqrt{8}$	$11\sqrt{6}$	$12\sqrt{3}$	$7\sqrt{9}$	$9\sqrt{7}$	$5\sqrt{8}$