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

$$4 + \sqrt{18 - 2}$$

a	b	c	d	e	f
11	$4 + \sqrt{5}$	$4 + \sqrt{3}$	$4 + \sqrt{2}$	8	$4 + \sqrt{4}$

2 Simplify the radical.

$$4 + \sqrt{11 + 25}$$

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

3 Simplify the radical.

$$3 + \sqrt{2 + 23}$$

a	b	c	d	e	f
$3 + \sqrt{4}$	$3 + \sqrt{5}$	11	$3 + \sqrt{2}$	8	$3 + \sqrt{3}$

4 Simplify the radical.

$$2 + \sqrt{1 + 15}$$

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

5 Simplify the radical.

$$3 + \sqrt{3 + 22}$$

a	b	c	d	e	f
8	9	$3 + \sqrt{3}$	$3 + \sqrt{5}$	$3 + \sqrt{4}$	$3 + \sqrt{2}$

6 Simplify the radical.

$$4 + \sqrt{20 - 4}$$

a	b	c	d	e	f
11	8	$4 + \sqrt{4}$	$4 + \sqrt{3}$	$4 + \sqrt{2}$	$4 + \sqrt{5}$

7 Simplify the radical.

$$2 + \sqrt{10 + 6}$$

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