



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

Learn online: [app.mobius.academy/math/units/radicals\\_simplifying\\_intro/](http://app.mobius.academy/math/units/radicals_simplifying_intro/)

1 Simplify the radical.

$$5\sqrt{47 - 2}$$

a	b	c	d	e	f
12√2	15√3	17√3	11√8	15√2	15√5

2 Simplify the radical.

$$5\sqrt{36 - 4}$$

a	b	c	d	e	f
21	20√5	18	22√5	20√2	23

3 Simplify the radical.

$$3\sqrt{54 + 26}$$

a	b	c	d	e	f
11√5	14√5	11√7	11√4	14√7	12√5

4 Simplify the radical.

$$5\sqrt{81 - 9}$$

a	b	c	d	e	f
31√2	30√2	32√4	28√4	33√2	33

5 Simplify the radical.

$$2\sqrt{52 + 11}$$

a	b	c	d	e	f
7√4	2√9	6√7	4√3	2√5	6√3

6 Simplify the radical.

$$2\sqrt{60 - 12}$$

a	b	c	d	e	f
9√6	11√5	6√6	8√3	8√4	11

7 Simplify the radical.

$$4\sqrt{81 + 194}$$

a	b	c	d	e	f
20√11	16√7	23√9	19√8	22√13	21√9