



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

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

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Simplify the radical.

$$\sqrt{29 + 70}$$

a

$$\sqrt{10}$$

b

$$3\sqrt{7}$$

c

$$3\sqrt{11}$$

d

$$5\sqrt{12}$$

e

$$4\sqrt{10}$$

2

Simplify the radical.

$$\sqrt{143 + 253}$$

a

$$7\sqrt{14}$$

b

$$6\sqrt{11}$$

c

$$2\sqrt{13}$$

d

$$7\sqrt{8}$$

e

$$3\sqrt{11}$$

3

Simplify the radical.

$$\sqrt{60 + 20}$$

a

$$4\sqrt{5}$$

b

$$6\sqrt{5}$$

c

$$\sqrt{6}$$

d

$$3\sqrt{2}$$

e

$$\sqrt{5}$$

4

Simplify the radical.

$$\sqrt{25 - 5}$$

a

$$\sqrt{5}$$

b

$$\sqrt{7}$$

c

$$\sqrt{8}$$

d

$$2\sqrt{5}$$

5

Simplify the radical.

$$\sqrt{41 + 4}$$

a

$$6\sqrt{4}$$

b

$$3\sqrt{5}$$

c

$$\sqrt{4}$$

d

$$\sqrt{5}$$

e

$$3\sqrt{2}$$

6

Simplify the radical.

$$\sqrt{103 - 23}$$

a

$$5\sqrt{8}$$

b

$$4\sqrt{5}$$

c

$$6\sqrt{7}$$

d

$$4\sqrt{2}$$

e

$$5\sqrt{6}$$

7

Simplify the radical.

$$\sqrt{61 + 191}$$

a

$$8\sqrt{5}$$

b

$$4\sqrt{4}$$

c

$$4\sqrt{7}$$

d

$$6\sqrt{7}$$

e

$$7\sqrt{8}$$