



Math worksheet on 'Radicals - Addition Under Squared Radical to Radical (Level 2)'. Part of a broader unit on 'Radicals - Simplifying Practice'

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

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Simplify the radical.

$$\sqrt{69 + 59}$$

a

$5\sqrt{4}$

b

11

c

$4\sqrt{2}$

d

$6\sqrt{5}$

e

$10\sqrt{2}$

f

$8\sqrt{2}$

2

Simplify the radical.

$$\sqrt{45 + 5}$$

a

$5\sqrt{3}$

b

$3\sqrt{5}$

c

$6\sqrt{4}$

d

$5\sqrt{2}$

e

6

f

1

3

Simplify the radical.

$$\sqrt{13 + 19}$$

a

1

b

5

c

6

d

$2\sqrt{5}$

e

$4\sqrt{2}$

f

$7\sqrt{5}$

4

Simplify the radical.

$$\sqrt{210 - 48}$$

a

$12\sqrt{4}$

b

$6\sqrt{4}$

c

$10\sqrt{4}$

d

7

e

5

f

$9\sqrt{2}$

5

Simplify the radical.

$$\sqrt{817 - 117}$$

a

$10\sqrt{7}$

b

$13\sqrt{10}$

c

$6\sqrt{8}$

d

$9\sqrt{6}$

e

$9\sqrt{3}$

f

$11\sqrt{4}$

6

Simplify the radical.

$$\sqrt{332 - 80}$$

a

$5\sqrt{9}$

b

$6\sqrt{4}$

c

$4\sqrt{9}$

d

$5\sqrt{8}$

e

$2\sqrt{8}$

f

$6\sqrt{7}$

7

Simplify the radical.

$$\sqrt{28 + 20}$$

a

$5\sqrt{2}$

b

$2\sqrt{4}$

c

$2\sqrt{6}$

d

$5\sqrt{3}$

e

$4\sqrt{3}$

f

$5\sqrt{6}$