



Math worksheet on 'Radicals - Addition Under Squared Radical Plus Integer to Integer (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.

$$2 + \sqrt{60 + 40}$$

a

$2 + \sqrt{5}$

b

7

c

$2 + \sqrt{4}$

d

$2 + \sqrt{2}$

e

12

f

$2 + \sqrt{3}$

2

Simplify the radical.

$$3 + \sqrt{84 - 20}$$

a

$3 + \sqrt{4}$

b

$3 + \sqrt{3}$

c

9

d

11

e

$3 + \sqrt{2}$

f

$3 + \sqrt{5}$

3

Simplify the radical.

$$2 + \sqrt{88 + 12}$$

a

10

b

$2 + \sqrt{3}$

c

$2 + \sqrt{4}$

d

$2 + \sqrt{5}$

e

$2 + \sqrt{2}$

f

12

4

Simplify the radical.

$$1 + \sqrt{1 + 8}$$

a

$1 + \sqrt{2}$

b

$1 + \sqrt{4}$

c

$1 + \sqrt{3}$

d

11

e

$1 + \sqrt{5}$

f

4

5

Simplify the radical.

$$1 + \sqrt{27 - 2}$$

a

$1 + \sqrt{2}$

b

6

c

2

d

$1 + \sqrt{3}$

e

$1 + \sqrt{5}$

f

$1 + \sqrt{4}$

6

Simplify the radical.

$$1 + \sqrt{4 + 21}$$

a

$1 + \sqrt{3}$

b

6

c

2

d

$1 + \sqrt{2}$

e

$1 + \sqrt{5}$

f

$1 + \sqrt{4}$

7

Simplify the radical.

$$4 + \sqrt{5 + 4}$$

a

3

b

7

c

$4 + \sqrt{4}$

d

$4 + \sqrt{3}$

e

$4 + \sqrt{2}$

f

$4 + \sqrt{5}$