



Math worksheet on 'Radicals - Cube - Simplifying from Factors, Values only, Radical Remaining (Level 1)'. Part of a broader unit on 'Radicals - Simplifying Practice'

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

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Simplify the radical

$$\sqrt{2 \cdot 5 \cdot 5}$$

a

$8$

b

$5\sqrt{4}$

c

$\sqrt{3}$

d

$5\sqrt{2}$

e

$7$

f

$6\sqrt{5}$

2

Simplify the radical

$$\sqrt{5 \cdot 5 \cdot 11}$$

a

$3\sqrt{7}$

b

$8\sqrt{9}$

c

$2\sqrt{11}$

d

$5\sqrt{11}$

e

$3\sqrt{10}$

f

$3\sqrt{14}$

3

Simplify the radical

$$\sqrt{2 \cdot 2 \cdot 5}$$

a

$4\sqrt{3}$

b

$2\sqrt{5}$

c

$4\sqrt{4}$

d

$5\sqrt{7}$

e

$\sqrt{5}$

f

$1$

4

Simplify the radical

$$\sqrt{3 \cdot 5 \cdot 5}$$

a

$3\sqrt{6}$

b

$2\sqrt{2}$

c

$3\sqrt{2}$

d

$5\sqrt{3}$

e

$7\sqrt{6}$

f

$2$

5

Simplify the radical

$$\sqrt{2 \cdot 2 \cdot 2 \cdot 2 \cdot 3}$$

a

$4\sqrt{3}$

b

$1$

c

$4$

d

$2$

e

$5$

f

$\sqrt{6}$