



Math worksheet on 'Radicals - Cube - Simplify From Cubed Factors, Values and Variables, Nothing Remaining (Level 2)'. 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/)

1

Simplify the radical

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

a

$$6c^3$$

b

$$c^4$$

c

$$3c^2$$

d

$$5c^3$$

e

$$5c^4$$

f

$$3c^4$$

2

Simplify the radical

$$\sqrt{2^2 \cdot 2^2 \cdot n^2}$$

a

$$5n$$

b

$$4n$$

c

$$n^2$$

d

$$3n^2$$

e

$$7n^3$$

f

$$n\sqrt{2}$$

3

Simplify the radical

$$\sqrt{2^2 \cdot 2^2 \cdot m^2}$$

a

$$4m$$

b

$$m^2$$

c

$$6m$$

d

$$3m$$

e

$$m\sqrt{2}$$

f

$$7m^3$$

4

Simplify the radical

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

a

$$4p^3$$

b

$$p\sqrt{2}$$

c

$$3p^2$$

d

$$4p$$

e

$$6p$$

f

$$4p^2$$

5

Simplify the radical

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

a

$$5y$$

b

$$y$$

c

$$3y^2$$

d

$$y^4$$

e

$$5y^4$$

f

$$4y$$

6

Simplify the radical

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

a

$$z^2\sqrt{2}$$

b

$$4z^2\sqrt{4}$$

c

$$3z$$

d

$$2z^3$$

e

$$6z^2$$

f

$$z\sqrt{4}$$

7

Simplify the radical

$$\sqrt{2^2 \cdot 2^2 \cdot y^2 \cdot y^2}$$

a

$$2y$$

b

$$4y$$

c

$$2y^3\sqrt{4}$$

d

$$7y\sqrt{3}$$

e

$$2y^3\sqrt{3}$$

f

$$4y^2$$