



Math worksheet on 'Radicals - Square - Simplify From Squared Factors, Values and Variables, Nothing Remaining (Level 1)'. Part of a broader unit on 'Radicals - Simplifying Practice'

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

1

Simplify the radical

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

a

$$2m\sqrt{2}$$

b

$$6m^3$$

c

$$4m$$

d

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

e

$$5m^2$$

f

$$m^3\sqrt{4}$$

2

Simplify the radical

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

a

$$d^2$$

b

$$d$$

c

$$3d^2$$

d

$$6d^2$$

e

$$3d$$

f

$$3d\sqrt{4}$$

3

Simplify the radical

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

a

$$5y$$

b

$$3y$$

c

$$y^2$$

d

$$3y\sqrt{4}$$

e

$$4y$$

f

$$6y$$

4

Simplify the radical

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

a

$$y$$

b

$$5y$$

c

$$y\sqrt{3}$$

d

$$2y$$

e

$$5y^2$$

f

$$4y^3$$

5

Simplify the radical

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

a

$$3y$$

b

$$y$$

c

$$5y^2\sqrt{4}$$

d

$$4y^3$$

e

$$2y\sqrt{3}$$

f

$$4y\sqrt{4}$$

6

Simplify the radical

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

a

$$3b^2$$

b

$$2b$$

c

$$5b\sqrt{4}$$

d

$$b^3\sqrt{3}$$

e

$$b$$

f

$$b^3$$

7

Simplify the radical

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

a

$$d$$

b

$$4d$$

c

$$d^2$$

d

$$3d^3$$

e

$$2d$$

f

$$5d$$