



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

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

1

Simplify the radical

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

a

$$2\sqrt{3}$$

b

$$4$$

c

$$\sqrt{6}$$

d

$$2$$

e

$$\sqrt{3}$$

2

Simplify the radical

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

a

$$3\sqrt{5}$$

b

$$2\sqrt{8}$$

c

$$4\sqrt{6}$$

d

$$5\sqrt{2}$$

3

Simplify the radical

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

a

$$2\sqrt{3}$$

b

$$8\sqrt{3}$$

c

$$5$$

d

$$5\sqrt{2}$$

4

Simplify the radical

$$\sqrt{5 \cdot 5 \cdot 7}$$

a

$$5\sqrt{8}$$

b

$$2\sqrt{8}$$

c

$$7\sqrt{10}$$

d

$$3\sqrt{7}$$

e

$$5\sqrt{7}$$

5

Simplify the radical

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

a

$$1$$

b

$$\sqrt{3}$$

c

$$\sqrt{5}$$

d

$$2\sqrt{2}$$