



Radicals - Square - Simplifying from Factors, Values and Variables, Radical

Remaining

1

Simplify the radical

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

A

$$6d^2\sqrt{3d}$$

B

$$3d^3\sqrt{5d}$$

C

$$4d\sqrt{2d}$$

D

$$5d\sqrt{5d}$$

E

$$7d\sqrt{3d}$$

2

Simplify the radical

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

A

$$2n\sqrt{5n^2}$$

B

$$2n\sqrt{2n}$$

C

$$n\sqrt{5n}$$

D

$$4n\sqrt{n}$$

3

Simplify the radical

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

A

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

B

$$7m^3\sqrt{3m}$$

C

$$8m\sqrt{3m^3}$$

D

$$5m\sqrt{2m}$$

E

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

4

Simplify the radical

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

A

$$\sqrt{n}$$

B

$$5\sqrt{4n}$$

C

$$2\sqrt{3n}$$

D

$$\sqrt{4n}$$

E

$$\sqrt{5n^2}$$

5

Simplify the radical

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

A

$$5p\sqrt{3p^2}$$

B

$$2p\sqrt{5p}$$

C

$$p^3\sqrt{5p}$$

D

$$p\sqrt{4p}$$

6

Simplify the radical

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

A

$$5d\sqrt{7d^2}$$

B

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

C

$$5d^2\sqrt{6d^2}$$

D

$$2d\sqrt{5d}$$

E

$$d^3\sqrt{8d}$$

7

Simplify the radical

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

A

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

B

$$r^2\sqrt{r^2}$$

C

$$r\sqrt{r^3}$$

D

$$r\sqrt{5r}$$

E

$$2r\sqrt{2r}$$

8

Simplify the radical

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

A

$$5r\sqrt{2}$$

B

$$4r\sqrt{2}$$

C

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

D

$$7r\sqrt{2}$$

E

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