Name

Radicals - Cube - Simplify From Cubed Factors, Values only, Radical Remaining

1 Simplify the radical $\sqrt{2 \cdot 5^2}$

A $6\sqrt{2}$ B 5 C $3\sqrt{3}$

D $5\sqrt{2}$ E 8

2 Simplify the radical $\sqrt{3^2 \cdot 5}$

A 1 B $5\sqrt{2}$ C $4\sqrt{3}$

D $3\sqrt{5}$ E $\sqrt{8}$

3 Simplify the radical $\sqrt{2^2 \cdot 5}$

A $\sqrt{3}$ B $2\sqrt{5}$ C $5\sqrt{3}$

D $\sqrt{6}$ E $\sqrt{2}$

4 Simplify the radical $\sqrt{3^2 \cdot 3}$

A 1 B $3\sqrt{3}$ C 3

D 5

5 Simplify the radical $\sqrt{2^2 \cdot 7}$

A $3\sqrt{10}$ B $2\sqrt{7}$ C $2\sqrt{5}$

D $5\sqrt{10}$

6 Simplify the radical $\sqrt{2^2 \cdot 2^2 \cdot 11}$

A $\sqrt{13}$ B $4\sqrt{11}$ C $\sqrt{7}$ D $6\sqrt{8}$ E $2\sqrt{14}$

7 Simplify the radical $\sqrt{2^2 \cdot 3}$

A $\sqrt{5}$ B $4\sqrt{5}$ C $2\sqrt{5}$

D $2\sqrt{3}$ E $2\sqrt{2}$

8 Simplify the radical $\sqrt{3^2 \cdot 7}$

A $6\sqrt{5}$ B $\sqrt{5}$ C $3\sqrt{7}$

D $6\sqrt{8}$ E $2\sqrt{3}$