



Radicals - Square - Simplify From Squared Factors, Values only, Radical Remaining

1 Simplify the radical

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

A 3	B $5\sqrt{3}$	C $4\sqrt{5}$	D $7\sqrt{5}$	E $4\sqrt{3}$
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2 Simplify the radical

$$\sqrt{3^2 \cdot 11}$$

A $\sqrt{13}$	B $3\sqrt{11}$	C $3\sqrt{10}$
D $3\sqrt{9}$	E $4\sqrt{7}$	

3 Simplify the radical

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

A $2\sqrt{5}$	B $4\sqrt{5}$	C $\sqrt{5}$	D $5\sqrt{2}$	E $7\sqrt{5}$
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4 Simplify the radical

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

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

5 Simplify the radical

$$\sqrt{2^2 \cdot 11}$$

A $2\sqrt{11}$	B $\sqrt{9}$	C $4\sqrt{9}$
D $4\sqrt{11}$	E $\sqrt{8}$	

6 Simplify the radical

$$\sqrt{5^2 \cdot 11}$$

A $4\sqrt{8}$	B $4\sqrt{7}$	C $\sqrt{14}$
D $5\sqrt{14}$	E $5\sqrt{11}$	

7 Simplify the radical

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

A $3\sqrt{7}$	B $4\sqrt{7}$	C $3\sqrt{5}$
D $4\sqrt{2}$	E $2\sqrt{5}$	