

Algebra

A009-Simplifying Radical Expressions

Simplify the following expressions.

1. $\sqrt{72}$ A) $36\sqrt{2}$ C) $2\sqrt{6}$ B) $4\sqrt{4}$ D) $6\sqrt{2}$	6. $\sqrt{32}$ A) $8\sqrt{4}$ C) $2\sqrt{4}$ B) $4\sqrt{2}$ D) $2\sqrt{16}$
2. $\sqrt{48}$ A) 7 C) $2\sqrt{14}$ B) $4\sqrt{3}$ D) $2\sqrt{6}$	7. $5\sqrt{24}$ A) $10\sqrt{6}$ C) $2\sqrt{6}$ B) $7\sqrt{6}$ D) $15\sqrt{8}$
3. $\sqrt{20}$ A) $5\sqrt{4}$ C) $4\sqrt{5}$ B) $2\sqrt{5}$ D) $2\sqrt{2}$	8. $4\sqrt{128}$ A) $8\sqrt{2}$ C) $12\sqrt{48}$ B) $16\sqrt{6}$ D) $32\sqrt{2}$
4. $\sqrt{60}$ A) $2\sqrt{15}$ C) $6\sqrt{10}$ B) $3\sqrt{20}$ D) $15\sqrt{4}$	9. $2\sqrt{125}$ A) $10\sqrt{5}$ C) $5\sqrt{5}$ B) $50\sqrt{5}$ D) $30\sqrt{5}$
5. $\sqrt{27}$ A) $9\sqrt{3}$ C) $3\sqrt{3}$ B) $3\sqrt{9}$ D) $3\sqrt{4}$	10. $3\sqrt{98}$ A) $21\sqrt{2}$ C) $12\sqrt{6}$ B) $9\sqrt{6}$ D) $12\sqrt{7}$