

Simplifying Radical Expressions Homework Day Three

1. $\sqrt{108}$

2. $5\sqrt{54}$

3. $3\sqrt{18} + 2\sqrt{50}$

4. $4\sqrt{12} + 3\sqrt{3}$

5. Simplify the root then estimate it. $3\sqrt{175}$

6. Simplify the root then estimate it. $3\sqrt{30} + 2\sqrt{120}$

7. The bottom of a ladder must be placed 6 feet from a wall. The ladder is 8 feet long. How far above the ground does the ladder touch the wall? Give your answer in simplest radical form and estimate the root.

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