Multiplication and Simplification of Radicals Worksheet

A Radical Built for Two

Find each square root. In case of an irrational answer, provide an interval estimate.

1. $\sqrt{2}\sqrt{5}$

6. $6\sqrt{36}$

2. $\sqrt{7}\sqrt{63}$

7. $\sqrt{24}\sqrt{12}$

3. $2\sqrt{68}$

8. $\sqrt{121y^2}$

4. $\sqrt{9}\sqrt{18}$

9. $\sqrt{a^2 + b^2 - 2ab}$

5. $\sqrt{8}\sqrt{24}$

10. $\sqrt{v^2 - u^2}\sqrt{u + v}$

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