Simplify a radical expression.

1. $7\sqrt{2}$

2. $12\sqrt{2}$

3. $6\sqrt{5}$

4. $\sqrt{30}$

5. $16\sqrt{2}$

6. $6\sqrt{6}$

7. $14\sqrt{2}$

8. $3\sqrt{5}$

9. $4\sqrt{3}$

10. $6\sqrt{3}$

11. $4\sqrt{5}$

12. $5\sqrt{3}$

13. $10\sqrt{2}$

14. $6\sqrt{2}$

15. $7\sqrt{7}$

16. $5\sqrt{2}$