
Simplify each expression.

1. $\sqrt{150} - 7\sqrt{24}$

2. $-2\sqrt{90} - 5\sqrt{40}$

3. $3\sqrt{98} - 6\sqrt{18}$

4. $\sqrt{2a} - 15\sqrt{7} - 5\sqrt{2a} + 3\sqrt{7}$

5. $-9\sqrt{x} + 4\sqrt{y} - 4\sqrt{x} + 2\sqrt{y}$

6. $x\sqrt{27} + \sqrt{75x^2} + 2x\sqrt{12}$

7. $x\sqrt{63} - x\sqrt{28} + x\sqrt{700}$

8. $5\sqrt{8xy} + 9\sqrt{200xy} + \sqrt{32xy}$

9. $-2\sqrt{54} + 7\sqrt{150} + 3\sqrt{144}$

10. $-10\sqrt{9x} + 3\sqrt{36x} - \sqrt{50x}$

11. $5\sqrt{160x} + 12\sqrt{75x} - 4\sqrt{250x}$
