

Review 10.2-10.3

1. $(10\sqrt{3})(2\sqrt{21})$

2. $6\sqrt{2}(2\sqrt{10} - 5)$

3. $-\sqrt{27} + 4\sqrt{48}$

4. $\sqrt{2} - 4\sqrt{6} + 5\sqrt{6} + \sqrt{6}$

5. $\frac{3\sqrt{12}}{\sqrt{3}}$

6. $\frac{4\sqrt{2}}{\sqrt{12}}$

7. $\frac{\sqrt{8}}{2 - \sqrt{10}}$

8. $\frac{4}{4 + \sqrt{5}}$

9. $\sqrt{60} + \sqrt{\frac{3}{5}}$

10. $2\sqrt{6} - 2\sqrt{\frac{2}{3}}$

11. $8 + \sqrt{\frac{5}{8}}$

12. $2\sqrt{2} - \sqrt{\frac{6}{3}}$

Solve and check:

13. $\sqrt{7n-1} = 6$

14. $\sqrt{5x+4} + 7 = 14$