

**Practice****Operations with Radical Expressions***Simplify. Then use a calculator to verify your answer.*

1.  $6\sqrt{5} - 2\sqrt{5} + 8\sqrt{5}$

2.  $\sqrt{15} + 8\sqrt{15} - 12\sqrt{15}$

3.  $4\sqrt{3} + 2\sqrt{12}$

4.  $8\sqrt{54} - 4\sqrt{6}$

5.  $8\sqrt{32} - 4\sqrt{8}$

6.  $2\sqrt{45} + 4\sqrt{20}$

7.  $5\sqrt{128} + 2\sqrt{18}$

8.  $3\sqrt{75} - \sqrt{243}$

9.  $\sqrt{28} + \sqrt{63}$

10.  $\sqrt{44} - \sqrt{11}$

11.  $\sqrt{27} + \sqrt{48} + \sqrt{12}$

12.  $\sqrt{72} + \sqrt{50} - \sqrt{8}$

13.  $\sqrt{180} - 5\sqrt{5} + \sqrt{20}$

14.  $\sqrt{40} - \sqrt{10} + \sqrt{90}$

15.  $2\sqrt{32} + 3\sqrt{50} - 3\sqrt{18}$

16.  $\sqrt{27} + \sqrt{18} + \sqrt{300}$

17.  $\sqrt{14} - \sqrt{\frac{2}{7}}$

18.  $\sqrt{50} + \sqrt{32} - \sqrt{\frac{1}{2}}$