

**10-3 Operations with Radical Expressions**

Simplify each radical expression.

1.  $2\sqrt{18} - 4\sqrt{32}$

2.  $3\sqrt{28} - \sqrt{63}$

3.  $\sqrt{5}(\sqrt{15} - 3)$

4.  $(\sqrt{6} + \sqrt{3})(\sqrt{2} - 2)$

5.  $(3\sqrt{2} - 5\sqrt{3})^2$