

## Square Roots

Simplify.

1.  $-2\sqrt{98}$

2.  $8\sqrt{3} + 4\sqrt{2} - \sqrt{2} + \sqrt{3}$

3.  $5\sqrt{3} + 4\sqrt{12} - 2\sqrt{75}$

4.  $3\sqrt{6} \cdot 5\sqrt{2}$

5.  $4\sqrt{3}(3\sqrt{6} - 2\sqrt{13})$

6.  $(2\sqrt{3})^2$

7.  $\frac{\sqrt{21}}{\sqrt{3}}$

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