

Adding &  
Subtracting  
Square Roots

Multiplying  
Square Roots

Simplifying  
Square Roots

Simplifying  
to Add &  
Subtract  
Square Roots

Example 1:

Simplify  
 $3\sqrt{6} + 4\sqrt{6}$

Example 3:

Simplify  
 $\sqrt{18} \cdot \sqrt{8}$

Example 5:

Simplify  $\sqrt{162}$

Example 6:

Simplify  $7\sqrt{5} - \sqrt{125}$

Example 2:

Simplify  
 $2\sqrt{7} + 9\sqrt{3} - 8\sqrt{7}$

Example 4:

Simplify  
 $4\sqrt{20} \cdot \sqrt{20}$



Operations with Square Roots

