Example 3:

Conjugates

Two expressions are conjugates if they are of the form x + y and x − y.
For example $\sqrt{14}+\sqrt{5}$ and $\sqrt{14}-\sqrt{5}$ are conjugates.
The two terms are the same with the exception of the signs.

Example 4: What is the conjugate of $\sqrt{5}-\sqrt{3}$? Multiply $\sqrt{5}-\sqrt{3}$ by its conjugate.