Simplify the expression: $(x + 3y - 5z) - (x - 6y + 2z)$

Solution:

To simplify expression this mean, we have to get rid of the parentheses:

$(x + 3y - 5z) - (x - 6y + 2z)$

So, we have – sign in front of the parenthesis, this mean we have to change signs of all parts:

$(x + 3y - 5z) - (x - 6y + 2z) = x + 3y - 5z - x + 6y - 2z = 9y - 7z$

$(x + 3y - 5z) - (x - 6y + 2z) = 9y - 7z$