PSP: This assignment is designed to test your understanding of the current chapter's content. You will be required to solve the problem AND briefly explain your solution using the model provided. Answering the question without explanation will result in a grade of 20% for the assignment.

1) A rectangular loop of wire is laying flat on a table. Sides of the loop are 25.0 cm (short sides) and 75.0 cm (long sides) each. If a current of 5.78 Amperes flows through the loop, what will be the magnitude and direction of the forces on each side of the loop? Make sure you draw one or more pictures to illustrate your answers. (HINT: Treat this problem like a pair of parallel wires)

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