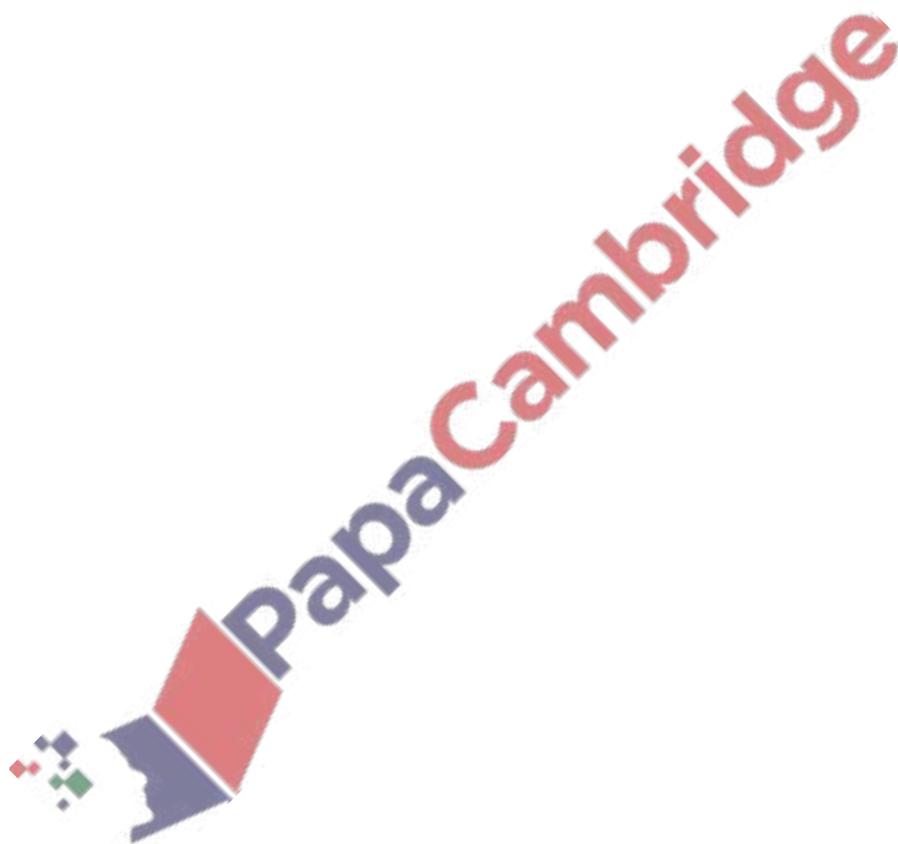


1. **June/2021/Paper_9709/31/No.1**

Solve the inequality $2|3x - 1| < |x + 1|$.

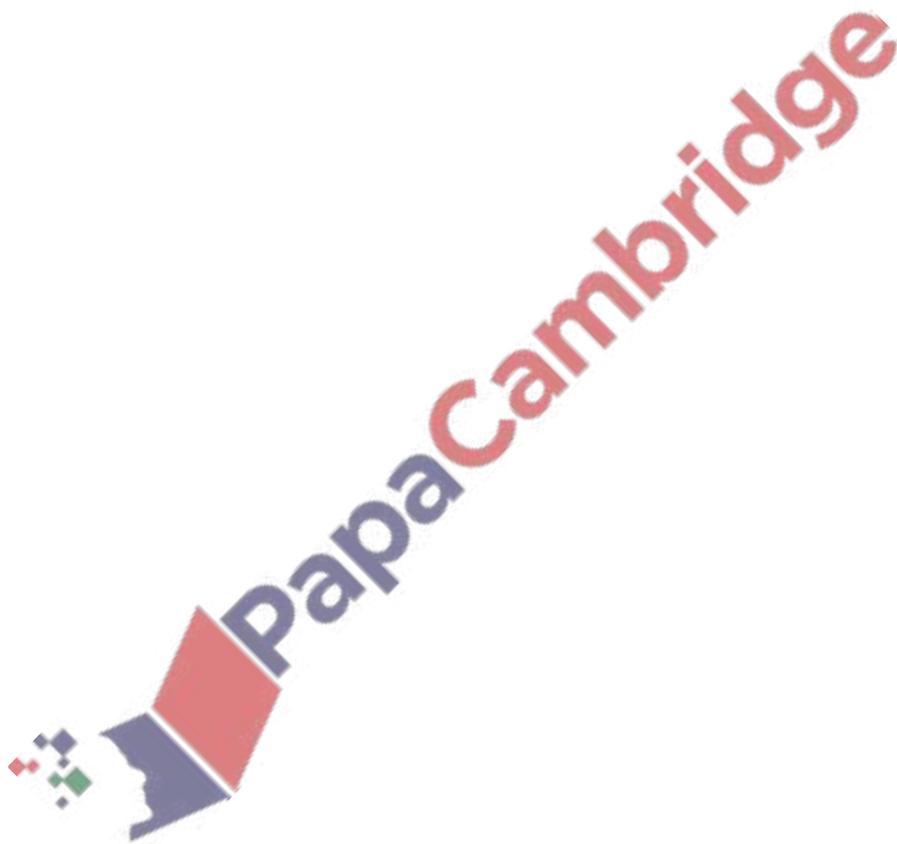
[4]



2. June/2021/Paper_9709/32/No.1

Solve the inequality $|2x - 1| < 3|x + 1|$.

[4]



3. March/2021/Paper_9709/32/No.2

The polynomial $ax^3 + 5x^2 - 4x + b$, where a and b are constants, is denoted by $p(x)$. It is given that $(x + 2)$ is a factor of $p(x)$ and that when $p(x)$ is divided by $(x + 1)$ the remainder is 2.

Find the values of a and b .

[5]

