

7. Given that

$$\frac{3x^3 - 8x^2 - 6x - 11}{(x+1)(x-3)} \equiv Ax + B + \frac{C}{x+1} + \frac{D}{x-3} \quad x \in \mathbb{R} \quad x \neq -1, 3$$

find the value of each of the constants A , B , C and D .

(4)