Question:

Solution of the inequality $\dfrac{3x^2 - 7x + 8}{x^2 + 1} \leq 2$ is

a)

$x \in [1, 6]$

b)

$x \in [1, 2]$

c)

$x \in [1, 4]$

d)

$x \in [2, 6]$

Answer:

$x \in [1, 6]$