

**Question:**

The inequality  $\frac{x^2 - |x| - 2}{2|x| - x^2 - 2} > 2$  holds only if

a)

$$-1 < x < -\frac{2}{3} \text{ or } \frac{2}{3} < x < 1$$

b)

$$\frac{2}{3} < x < 1$$

c)

$$-1 < x < -\frac{2}{3}$$

d) None of these

**Answer:**

$$-1 < x < -\frac{2}{3} \text{ or } \frac{2}{3} < x < 1$$