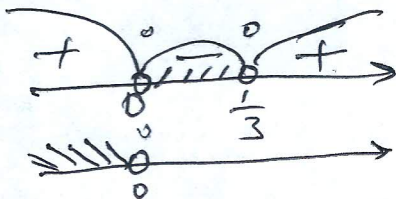


1.)

$$A) \begin{cases} 3x^2 - x > 0 \\ x < 0 \end{cases}$$

$$3x^2 - x = 0; \Rightarrow x(3x - 1) = 0 \Rightarrow x_1 = 0$$

$$x_2 = \frac{1}{3}$$



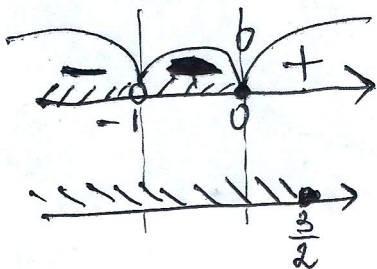
Other:  $\emptyset$

$$B) \begin{cases} 2x - 3 \leq 0 \\ \frac{x}{(x+1)^2} \leq 0 \end{cases}$$

$$2x - 3 \leq 0 \Rightarrow 2x \leq 3 \Rightarrow x \leq \frac{3}{2}$$

$$\frac{x}{(x+1)^2} \leq 0; \quad \frac{x}{(x+1)^2} = 0 \Rightarrow x = 0$$

oder:  $x \neq -1$



$$\text{Other: } x \in (-\infty; -1) \cup (-1; 0].$$