$$Teset: 2x^{3}-1 \ge 0 \land x > 0$$
  
 $2x^{3}-1 \ge 0 (=) 2x^{3} = 1 (=) x \ge \frac{1}{5/2}$   
 $L)x \in \begin{bmatrix} \frac{1}{5/2} & 1 + \infty \end{pmatrix}$ 

$$f(x) = \sqrt{|g(x^{2}-5x+7)|}$$

$$x^{2}-5x+7 = ) \times \in \mathbb{R}$$

$$|g(x^{2}-5x+7) = ) \times^{2}-5x+7 > 0$$

$$\int |g(x^{2}-5x+7) = ) \times^{2}-5x+7 > 0 \wedge |g(x^{2}-5x+7) \ge 0$$

$$D = \left\{ x \in \mathbb{R} \mid x^{2}-5x+7 > 0 \wedge |g(x^{2}-5x+7) \ge 0 \right\}$$

$$x^{2}-5x+7=0$$

$$L)x_{1,1} = \frac{5+\sqrt{3}}{2} \notin \mathbb{R}$$

$$\forall x \in \mathbb{R}: x^{2}-5x+7 > 0$$

$$|g(x^{2}-5x+7) \ge 0$$

$$L)x^{2}-5x+7 \ge 0$$

$$L)x^{2}-5x+7 \ge 0$$

$$x^{2}-5x+7 \ge 0$$

$$(x^{2}-5x+7) \ge 0$$

$$($$

$$f(x) = 2(x+3)^2 - 1$$

$$f(4) := -x^{2} + 5 \times 43$$

$$-x^{2} + 5 \times +3 = -\left(x - \frac{5}{2}\right)^{2} + \frac{37}{5}$$

$$f(\star) := \frac{h \times -1}{2 \times -1}$$

$$\frac{h \times -1}{2 \times -1} = 2 \cdot \frac{h \times -1}{h \times -2} = 2 \cdot \frac{h \times -1}{h \times -2} = 2 \cdot \frac{1}{4 \times -2} = 2 \cdot \frac{1}{4 \times -2} + 2$$

$$D_{\frac{1}{9}} = \left\{ \times \in D_{f} \cap D_{9} \mid g(x) \nmid c \right\}$$

$$= \left\{ \times \in \mathbb{R} \mid x \neq k \mid \widehat{r}, k \in \mathbb{Z} \right\} \quad \stackrel{\times}{=} (x) = \stackrel{\times}{sinx}$$

$$D_{\frac{1}{2}} = \left\{ \times \in D_{9} \cap D_{1} \mid f(x) = C \right\}$$

$$= \left\{ \times \in \mathbb{R} \mid x \neq 0 \right\} = \mathbb{R} \setminus \left\{ c \right\} \quad \frac{9}{7} (x) = \frac{Simx}{x}$$