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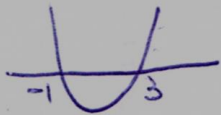
$$\frac{1}{2} \log_{\tan \frac{\pi}{9}} x^2 \geq \log_{\tan \frac{\pi}{9}} \sqrt{2x+3}$$

$$\boxed{-\frac{1}{2} \leq x < 0}$$
$$x > 0$$

$$\leftarrow x > -\frac{1}{2} \leftarrow 2x+3 \geq 0 \text{ : } x \geq -\frac{3}{2}$$
$$\leftarrow x \neq 0 \leftarrow x^2 \neq 0$$

$(\tan \frac{\pi}{9})$ א נ $1 < \tan \frac{\pi}{9} < 10$ \log ה פה סימון

$$\log_{\tan \frac{\pi}{9}} x^2 \geq \log_{\tan \frac{\pi}{9}} \sqrt{2x+3}$$



$$x \leq \sqrt{2x+3} \quad / (*)^2$$

$$x^2 - 2x - 3 \leq 0$$

$$\boxed{-1 \leq x \leq 3}$$

$$\boxed{x \neq 0, -1 \leq x \leq 3 \text{ : } \text{פירוש}}$$