

1.99  
4

$$\log_x \left[ \frac{2x+1}{x+1} \right] > 0 = \log_{x+1}$$

אנחנו רוצים

$$1 \neq x > 0$$

$$\frac{+}{-1} \quad \frac{+}{-\frac{1}{2}}$$

$$\frac{2x+1}{x+1} > 0$$

$$x < -1 \quad \vee \quad x > -\frac{1}{2}$$

$$\boxed{1 \neq x > 0 \quad ; \quad x < -1 \quad \vee \quad x > -\frac{1}{2}}$$

$$(x-1) \left( -\frac{2x+1}{x+1} + 1 \right) < 0$$

$$(x-1) \left( \frac{-x}{x+1} \right) < 0$$

$$\frac{+}{-1} \quad \frac{+}{0} \quad \frac{-}{1} \quad \frac{-}{-}$$

$$\boxed{x > 1} \\ \boxed{-1 < x < 0}$$

$$\boxed{x > 1} \quad \vee \quad \boxed{-1 < x < 0}$$