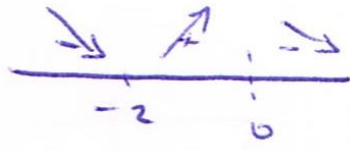


$$\boxed{x=0} \leftarrow \lim_{x \rightarrow 0} \frac{6}{x} = \infty \quad \Rightarrow \quad x \neq 0 \quad \frac{4.19}{3}$$

$$m = \lim_{x \rightarrow \pm\infty} \frac{x^2+6x+6}{x \cdot x^2} = 0 \quad n = \lim_{x \rightarrow \pm\infty} \frac{x^2+6x+6}{x^2} = 1 \rightarrow \boxed{y=1}$$

$$y' = \frac{(2x+6)x^2 - 2x(x^2+6x+6)}{x^4} = \frac{-6x-12}{x^3} \xrightarrow{|\cdot 3|} \boxed{x=-2} \quad \frac{3-6}{3}$$

$-2 < x < 0$   $\nearrow$   $\uparrow$   $\nearrow$   
 $x < -2$  ;  $x > 0$   $\searrow$   $\downarrow$   $\searrow$



$\min(-2, -\frac{1}{2})$

