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Hoja de trabajo

-Identificar las asíntotas horizontales o inclinadas de las siguientes funciones:

$$\frac{5x^3 - 8x^2 - 7x + 6}{2x^2 + 3x - 1}$$

$$\frac{\frac{5x^3}{2x^2} - \frac{8x^2}{2x^2} - \frac{7x}{2x^2} + \frac{6}{2x^2}}{\frac{2x^2}{2x^2} + \frac{3x}{2x^2} - \frac{1}{2x^2}}$$

$$\frac{\frac{5x}{2} - 4 - \frac{7}{2x} + \frac{3}{x^2}}{1 + \frac{3}{2x} - \frac{1}{2x^2}}$$

$$\frac{\frac{5x}{2} - 4 - \frac{7}{2(100)} + \frac{3}{(100)^2}}{1 + \frac{3}{2(100)} - \frac{1}{2(100)^2}}$$

$$\frac{5x}{2} - 4$$

$$\frac{6x^2 - 4x + 5}{8x^2 + 2x + 7}$$

$$\frac{\frac{6x^2}{8x^2} - \frac{4x}{8x^2} + \frac{5}{8x^2}}{\frac{8x^2}{8x^2} + \frac{2x}{8x^2} + \frac{7}{8x^2}}$$

$$\frac{\frac{3}{4} - \frac{1}{2x} + \frac{5}{8x^2}}{1 + \frac{1}{4x} + \frac{1}{8x^2}}$$

$$\frac{\frac{3}{4} - \frac{1}{2(100)} + \frac{5}{8(100)^2}}{1 + \frac{1}{4(100)} + \frac{1}{8(100)^2}}$$

$$\frac{3}{4} //$$