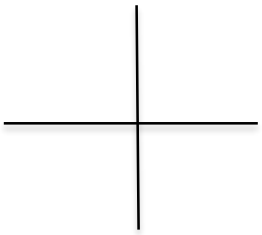
Cornell Notes	Topic/Objective: 2.4 Graphing Rationals 2	Name:
		Class/Period:
		Date:

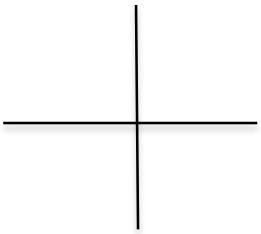
Essential Question: How do I identify all removable discontinuities & slant asymptotes of a rational function?

Ex. $\frac{x^2-4}{x-2}$

If a factor _____, then there is a _____ in the graph of the function.

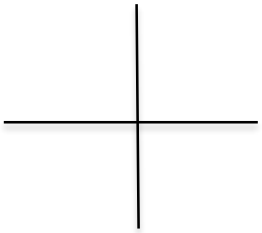


Ex. $\frac{(x-5)}{(x-5)(x+2)}$



Ex. $\frac{x^2-4x-5}{x-3}$

<u>Slant Asymptote</u>: degree on top is exactly 1 more than the degree on the bottom



Summary:

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