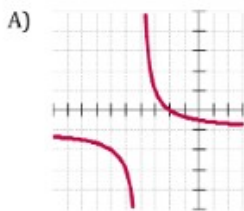


4.11 Slant Asymptotes hw

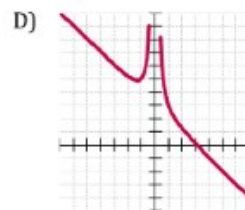
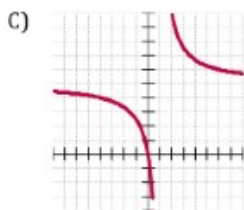
Name: _____

Based on the asymptotes, match each equation with its graph. (Don't use a calculator!)

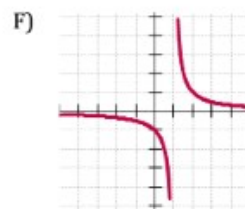
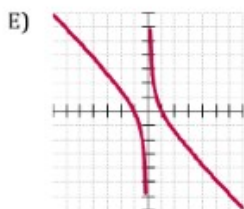
___13. $f(x) = \frac{1}{x-1}$



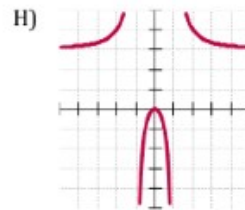
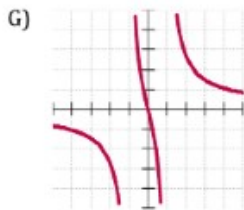
___14. $f(x) = \frac{5x}{x-1}$



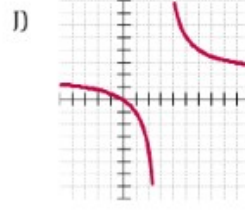
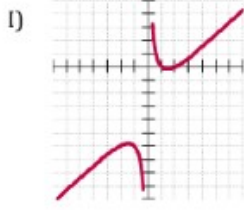
___15. $f(x) = \frac{3x^2}{x^2-1}$



___17. $f(x) = \frac{x+2}{x+4}$



___18. $f(x) = \frac{x-1}{x-4}$



___19. $f(x) = \frac{x+1}{x-3}$

___20. $f(x) = \frac{2x}{x-3}$

___21. $f(x) = \frac{1-x^2}{x}$

___22. $f(x) = \frac{x^2-3x-2}{x}$

___23. $f(x) = \frac{1+3x^2-x^3}{x^2}$

