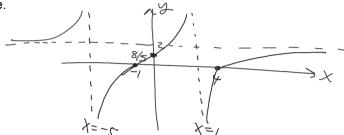
Find all intercepts and asymptotes.  $X-InT = -1.4 \quad \forall A \quad X=1.75$ 

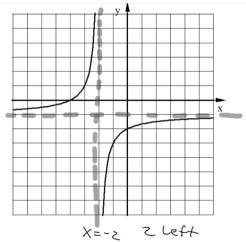
$$y = \frac{2(x-4)(x+1)}{(x-1)(x+5)} = \frac{2x^2 - 6x - 8}{x^2 + 4x - 5}$$
  $\forall -177 = 8/5$ 

Then sketch the graph of this rational function. Show all intercepts. Show all asymptotes as dashed lines and show the proper behavior around each asymptote.



Write the equation of this graph which is a transformation of  $y = \frac{2}{x}$ 

graph is upside down.



W varies jointly with the cube of M and C and inversely with the product of G and the square of X. W=0.648 when M=3, C=6, G=8, and X=10. Find the value of M when W=500, C=5, G=2, X=11 .648 = K(2)6 8.100 K=3-2 -> 500 = 3.2(5) M3