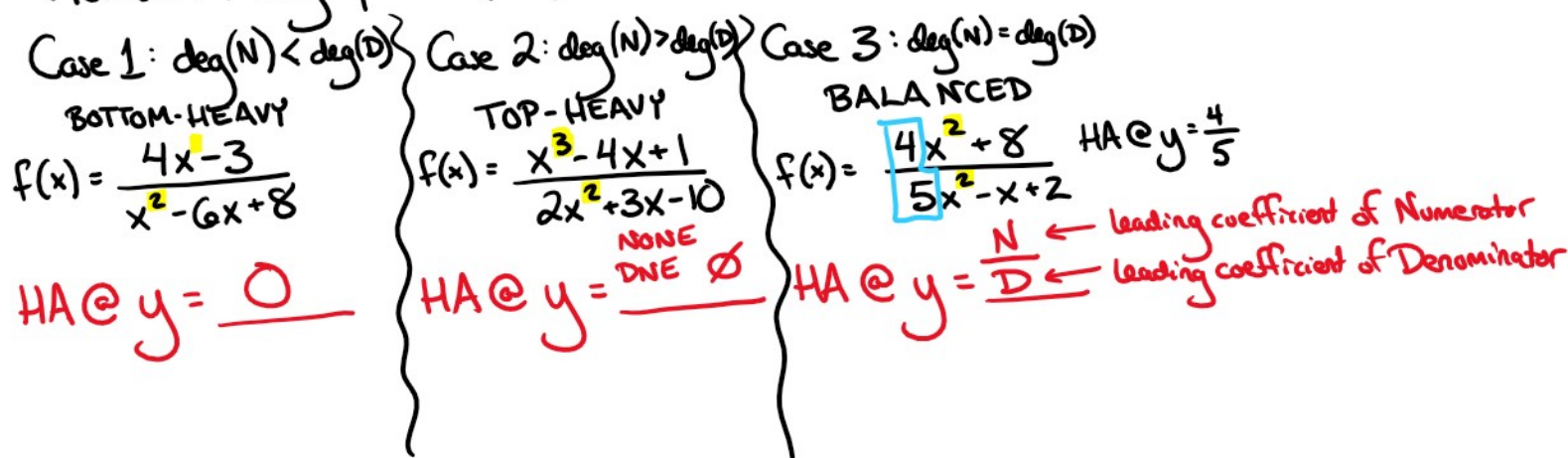


Horizontal Asymptotes (HA)



Vertical Asymptotes (VA)

Rule: Set denominator equal to zero and solve for all values of x .

ex $f(x) = \frac{3x-4}{x^2+4x-12}$ **VA @ $x = -6, 2$**
 $x^2+4x-12=0$
 $(x+6)(x-2)=0$
 $x+6=0$ $x-2=0$
 $x=-6$ **$x=2$**