Assignment: Write these three rules three times each.

*To find horizontal asymptotes*: First, identify the highest power in the numerator & denominator.

* + If the numerator power is **higher** than the denominator power, then there is **no horizontal asymptote**. Ex.  Horiz. Asympt is \_\_none\_\_\_\_\_\_\_\_
  + If the numerator power is **equal** to the denominator power, then **the horizontal asymptote is the coefficients in front of the highest powers (**y = a/b). Ex.  Horiz. Asympt is *y*= \_\_\_7/1 or 7\_\_
  + If the numerator power is **lower** than the denominator power, then the **horizontal asymptote is y = O.**