Homework 17 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Graph the following rational functions:

1. $R\left(x\right)=\frac{x+1}{x(x+4)}$
2. $S\left(x\right)=\frac{x}{\left(x-1\right)(x+2)}$
3. $T\left(x\right)=\frac{3x+3}{2x+4}$
4. $H\left(x\right)=\frac{x^{2}+ 4}{x^{4}-1}$
5. $K\left(x\right)=\frac{3x^{2}}{x^{2}- 4}$