**Intellectual Need Task for Continuity**

For each of the functions below, at which points (if any) is the function not continuous?

* + - $f\left(x\right)= \left\{\begin{matrix}2x^{3}+1&x\geq 0\\-3x+1&x<0\end{matrix}\right.$
		- $g\left(x\right)=\frac{x^{2}-4}{x-2}$
		- $h\left(x\right)= \sin(\left(\frac{1}{x}\right))$
		- $j\left(x\right)=x\sin(\left(\frac{1}{x}\right))$
		- $k\left(x\right)=\left|\frac{1}{x}\right|$