Precalculus Honors
Piecewise Functions
Notes

Name: $\qquad$
Date: $\qquad$ G
Period: $\qquad$


| Let $\quad f(x)= \begin{cases}x^{2}+2 & \text { for } x \leq 2 \\ \frac{1}{2} x+5 & \text { for } x>2\end{cases}$ |  |
| :---: | :---: |
| Complete the tables below for $f(x)$. | Graph $f(x)$ below: |
| State the domain and range of $f(x)$. <br> Domain: <br> Range: | Is the function continuous? Why or why not? |

Completely describe the function $f(x)$.

