

Business PreCalculus MATH 1643 Section 004, Spring 2014
Worksheet 15

- 1-** Given $f(x) = \begin{cases} x & \text{if } x \geq 2 \\ 2 & \text{if } x < 2 \end{cases}$, then find $f(1)$, $f(-4)$, and $f(2)$.
- 2-** Determine whether $f(x) = [[x]]$ is an even or odd function.
- 3-** Find the domain of $f(x) = \sqrt{-x}$.