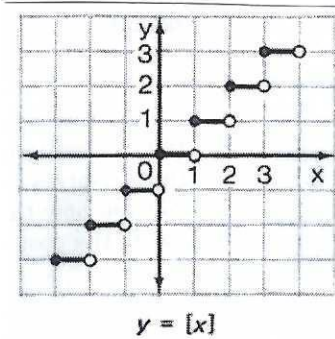


Do Now

** The symbol $[x]$ (or $\lfloor x \rfloor$) means "the greatest integer equal to or less than x ." Therefore, the greatest-integer function is indicated by the rule $y = [x]$, or $f(x) = [x]$. A partial graph of this step function is shown below.



- Examples:
- 1) $[2] = 2$
 - 2) $[3.98] = 3$
 - 3) $[-5.6] = -6$
 - 4) $[6.4] = 6$

Now you try!

Evaluate the following:

1) $[5.5] =$

2) $[-8.35] =$

3) $[4] =$

4) $\left[2\frac{2}{3}\right] =$

5) $[7.86] =$

6) $[-3.64] =$