Quiz 2

Name: _____

(1) Let $n \in \mathbb{Z}$. What does "$3|n$" mean?

(2) Let $n \in \mathbb{Z}$. What does "$n \equiv 2 \pmod 3$" mean?

(3) Show that if $x > 1$ then $\frac{x}{x+1} > \frac{1}{3}$.