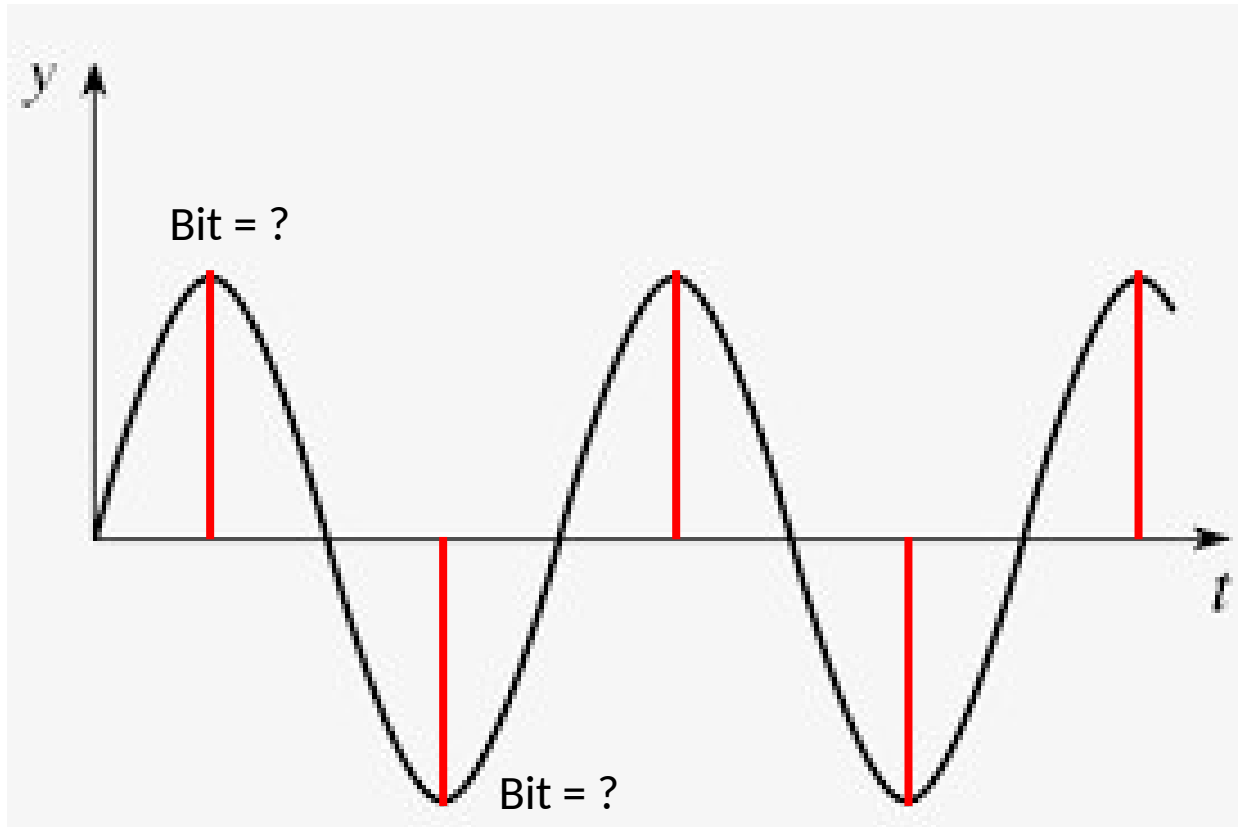


- From lecture #1, we wanted to express information as bits
- So here is one idea:
  - When signal  $> 0$  ... let's pretend Bit = 1
  - When signal  $< 0$  ... let's pretend Bit = 0
- Now let's sample the signal periodically. What do we get?

- What would be the signal for this bit sequence: 01100



**Communicated bit sequence = ?????**