

ECE3 Fall 2020  
Quiz 8

Name \_\_\_\_\_ | \_\_\_\_\_  
Family Name Given Name  
UID \_\_\_\_\_

- 1 The Sampling Theorem says that for perfect reconstruction of the input waveform, the sample rate must be at least 2X the highest frequency of interest in the waveform. T F

- 2 In this circuit,  $i = 0.5 \angle -90^\circ$ . Show how the answer for  $i$  is obtained. IOW, do the Ohm's Law calculation that results in  $i = 0.5 \angle -90^\circ$ .

