

**CSE 484 In-Class Worksheet #10 – Spring 2019**

Name: \_\_\_\_\_ UWNetID: \_\_\_\_\_ Date: \_\_\_\_\_

Email address: \_\_\_\_\_

Partner names for this activity: \_\_\_\_\_

Will you want to pick up your worksheet later? Circle one: Yes / No

**Q1:** What problem do you see with the “Encrypt-and-MAC” approach for authenticated encryption?

**Q2 (Diffie-Hellman):** Let  $p = 11$ . Let  $g = 2$ . Alice’s private key is  $x=9$ . Bob’s private key is  $y=4$ . What is their shared key?