

CSE 484 In-Class Worksheet #19 – Autumn 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: Consider a website `site.com` that includes a third-party script, e.g.:

```
<script src="http://otherdomain.com/library.js"></script>
```

From what origin can this script read cookies?

If this script sets a cookie, under what origin will that cookie be set?

Do you see any security concerns with this?

Q2: State in Hidden Forms Fields. How would you fix the vulnerable shopping cart application?

Q3. XSS. What are the key elements of an XSS attack?

Q4. Login CSRF. Why would an attacker want to force a victim to log in under an account the attacker controls?

Q5: CSRF Defenses. How might a web application defend itself against CSRF attacks?