

## TDA 594/DIT 593 - Combinatorial Interaction Testing Activity

You are designing system-level tests for a web browser with multiple configuration options. You have extracted the following features (**choices**), with the following **representative values** for each:

<b>Allow Content to Load</b>	<b>Notify About Pop-Ups</b>	<b>Allow Cookies</b>	<b>Warn About Add-Ons</b>	<b>Warn About Attack Sites</b>	<b>Warn About Forgeries</b>
Allow	Yes	Allow	Yes	Yes	Yes
Restrict	No	Restrict	No	No	No
Block		Block			

The full set of possible test specifications contains 144 options. This is too many! Instead, we want to create a covering array of specifications that covers all **pairwise (2-way) value combinations** in fewer test specifications.

(hint: start with two variables with the most values and add additional variables one at a time)