Responsive and LESS

**What is the difference between an adaptive website and a fully responsive website?**

A responsive website provides the user with the most optimal viewing experience, regardless of the type of device they are viewing it on. It has only one layout that changes accordingly.

In an adaptive website, there are several distinct layouts for multiple screen sizes. The layout used depends on the screen size of the device the user is using to view it with.

**Describe what it means to be mobile first vs desktop first.**

Mobile first is designed from smaller to bigger viewpoint. We start with a min-width.

Desktop first is designed from bigger to smaller viewpoint. We start with a max-width.

**What does font-size: 62.5% in the html tag do for us when using rem units?**

It changes our base font size to 10px instead of the standard 16px. This makes it easier to calculate which font size to use in rem. ie 16px = 1.6rem.

**How would you describe preprocessing to someone new to CSS?**

A preprocessor is a program that takes one type of data and converts it to another. Preprocessing allows us to write shorter and easier to organize code and converts it to regular css.

**What is your favorite concept in preprocessing? What is the concept that gives you the most trouble?**

I like how we can write shorter easier to organize code and it converts it to regular css. I guess I like the mani concept of it then. I have the most difficulty with Mixin Level 4.