

## ECE451 Homework #6

1. Find the kernels for the following equation and use the Boolean Division Method to convert to a simplified multilevel logic function.

$$F = a\bar{c}\bar{g} + ahj + a\bar{g}d + bfd + x\bar{y} + bf\bar{c} + b\bar{c}\bar{g} + adf + a\bar{c}f + b\bar{g}d + bjh$$