First draft

buns = 8

hotdogs = 10

(hotdogs)

peeps = int(input("How many people will attend this coockout?: "))

hdpp = int(input("How many hot dogs will each person Eat?: "))

nhdtp = peeps \* hdpp

print(nhdtp, "hot dogs and buns are needed")

hdPacks = nhdtp%hotdogs

if(hdPacks > 0):

print("You will need to buy", (nhdtp//hotdogs + 1) "packs of Hotdogs.")

else:

print("You will need to buy", (nhdtp/hotdogs), "packs of Hotdogs.")

bunPacks = nhdtp%buns

if (bunpacks > 0)

print("you will need to buy", (nhdtp//buns+1), "packs of buns.")

else:

print("You will need to buy", (nhdtp/buns), "packs of buns.")

My first draft was before I figured out how to calculate the remainders. A few typos and missing commas are also required for the code to run. Once the commas were added and camel caps corrected the code ran fine. The code I used to figure out how many packs I stole from the board while you showed him how to do it. \

The final draft

buns = 8 #setting required variables for later functions and then making them int values.

int(buns)

hotdogs = 10

int(hotdogs)

#asking how many people will be in attendance

peeps = int(input("How many people will attend this coockout?: "))

#Hot dogs per person

hdpp = int(input("How many hot dogs will each person Eat?: "))

#needed hotdogs to purchase

nhdtp = peeps \* hdpp

#Tells how many hotdogs you need to buy.

print(nhdtp, "hot dogs and buns are needed")

#we need to find the remainder of packs are needed so that if there is a remainder we can know to buy one more pack.

hdPacks = nhdtp%hotdogs

if(hdPacks > 0):

print("You will need to buy", (nhdtp//hotdogs + 1), "packs of Hotdogs.") #adds the extra package if needed

print("You will have", 10\*(nhdtp//hotdogs+1)-nhdtp, "hotdogs left")#left overs

else:

print("You will need to buy", (nhdtp//hotdogs), "packs of Hotdogs.")# if no extra packages are needed

bunPacks = nhdtp%buns

if (bunPacks > 0):

print("you will need to buy", (nhdtp//buns+1), "packs of buns.")#adds the extra package if needed

print("You will have", 8\*(nhdtp//buns+1)-nhdtp, "buns left.")#left overs

else:

print("You will need to buy", (nhdtp//buns), "packs of buns.")# if no extra packages are needed

the final draft is what the code needed to be. I have remainder accurate math, grammar and understandable camel caps. The notes also help make sense of the variable that anyone would just believe is a random string of letters. This code works 100% and also looks pretty.