Name : _____

Drawing Venn Diagram - With Universal Set

Draw Venn diagram based on the data provided and answer the questions that follow.

1) A credit card call center in Minneapolis received 3 types of calls on Friday-
   - 95 enquiries were made to check credit card balances;
   - 65 callers made requests for add-on cards;
   - 70 calls were recieved to update changes in communication addresses;
   - 25 customers made enquiries on credit balance and placed requests for add-on cards but not for change of address;
   - 17 calls were made to update changes in address and place requests for add-on cards but not for balance enquiry;
   - 15 calls recieved by the call center to check credit card balance and update change of address but not for add-on cards; and
   - 11 callers made enquiries to apply for a new credit card.

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a) How many calls were _____ the balance on their _____

b) Find the number of c_____

c) How many customers _____ credit card balances c_____

d) Find the number of c_____ change of address.

e) Based on the data provided, how many customers requested for at least 2 of the 3 services?

f) How many calls were by customers to either update change of address or request for add-on cards?

g) Find the number of calls made by customers to either enquire about their credit card balances or update changes in address.

h) How many customers neither made enquiries on credit card balances nor made requests to update change in address?