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Name _____

Section # _____

K201 - Quiz 3A

For each employee in ABR company a card is punched with the following data:

| <u>Card Column</u> | <u>Description</u> | <u>Form</u> | <u>Variable Name</u> |
|--------------------|--------------------|-------------|----------------------|
| 1-6 | Employee # | Integer | NUM |
| 10-14 | Weekly gross pay | XXX^XX | WGP |

The last card has a negative number in columns 1-6. Each week these cards are processed by computer to calculate net pay and print a line with employee number, gross pay and net pay for each employee. Also, some summary results are printed on a separate page after all the employees' cards are processed.

$$\text{Net pay} = \text{gross pay} - \text{income tax}$$

where: income tax is 10% of gross pay if gross pay is less than \$300

is 20% of gross pay if gross pay is between \$300 and \$500 inclusive

is 30% of gross pay if gross pay is over \$500

Prepare a flowchart for a program to calculate net pay, print a line for each employee, and print the number of employees with gross pay less than \$300 and their average net pay.