Unit 5 Math Lab Activity

Equipment:
Computers
Excel

Objectives:
Learn how to gather and organizes information
Learn how to interpret data to solve problems

Given:
You manage a popcorn business. Each week you collect the data for the hourly employees and calculate their total earnings. Each employee is paid at an hourly rate. Overtime is paid at one and a half times the hourly rate, for all time over 40 hours per week.

Name	Pay Rate
Daniel	$ 7.69
Richard	$ 10.00
Taylor	$ 9.56
Demario	$ 8.00
Jackie	$ 9.00

Name	Mon	Tues	Wed	Thu	Fri
Daniel	8	7.5	6.5	9.5	8.5
Richard	7	6	7	7	7
Taylor	8.5	8	10	9.5	9
Demario	10	11	9	9	10
Jackie	9	9	9	8	8

FICA: .016
Medicare: .045

Procedure:
A. In Excel, create a table and collect and organize the data to show the total hours worked by each employee
B. Interpret the data to fine the hours each employee worked at the regular pay and the hours each employee worked at the overtime pay rate.
C. Compute the Net Pay for each employee.

Find:
1. Who earned the most income? What was is his/her income? How much will he/she earn annually?

2. Who earned the least income? What was is his/her income? How much will he/she earn annually?

Washington Applied Math Council

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