WORKSHEET

Wage sheet

This spreadsheet is a wage-sheet, displaying the weekly earning of workers in a fast food store. Hours of employment and hourly rates of pay may differ for each employee. Column B contains the hourly rate of pay for each employee, and columns C-E show the hours worked, at normal time, time and a half and double time. Column F shows the total pay due for each employee, based on the hours worked that week.

	A	B	C	D	E	F
1	**Hungry Mac's Fast Food Store - Wages Spreadsheet**					
2						
3	**Employee Name**	**Rate of Pay**	**Hours Worked**			**Total Pay**
4			**Normal Time**	**Time and a Half**	**Double Time**	
5	Betty Lin	$33.90	38	4	0	$1,491.60
6	Peter Pumpernickel	$25.57	38	0	0	$971.66
7	Mario Peach	$21.33	38	7	6	$1,290.47
8	Aisling Edge	$21.33	21	0	3	$575.91
9	Julio Mahara	$17.56	0	0	0	$0.00
10	Heathcliff Henderson	$15.45	7	0	0	$108.15
11	Ezra Mehta	$15.45	12	0	3	$278.10
12	Angelina Tap	$13.89	8	3	0	$173.63
13	Fiona Jefferies	$13.89	6	0	0	$83.34
14	Son Hin Woo	$13.89	0	5	3	$187.52
15	Ahmed Raad	$11.31	8	0	0	$90.48
16	Raymond Parkinson	$11.31	7	3	0	$130.07
17					Total	$5,380.91

The formulae used in this spreadsheet are shown below:

	A	B	C	D	E	F
1	**Hungry Mac's Fast Food Store - Wages Spreadsheet**					
2						
3	**Employee Name**	**Rate of Pay**	**Hours Worked**			**Total Pay**
4			**Normal Time**	**Time and a Half**	**Double Time**	
5	Betty Lin	33.9	38	6	0	=B5*(C5+D5*1.5+E5*2)
6	Peter Pumpernickel	25.57	0	0	0	=B6*(C6+D6*1.5+E6*2)
7	Mario Peach	21.33	38	2	8	=B7*(C7+D7*1.5+E7*2)
8	Aisling Edge	21.33	25	0	0	=B8*(C8+D8*1.5+E8*2)
9	Julio Mahara	17.56	33	2	5	=B9*(C9+D9*1.5+E9*2)
10	Heathcliff Henderson	15.45	8	2	0	=B10*(C10+D10*1.5+E10*2)
11	Ezra Mehta	15.45	15	0	0	=B11*(C11+D11*1.5+E11*2)
12	Angelina Tap	13.89	6	2	0	=B12*(C12+D12*1.5+E12*2)
13	Fiona Jefferies	13.89	6	0	0	=B13*(C13+D13*1.5+E13*2)
14	Son Hin Woo	13.89	8	0	0	=B14*(C14+D14*1.5+E14*2)
15	Ahmed Raad	11.31	6	0	2	=B15*(C15+D15*1.5+E15*2)
16	Raymond Parkinson	11.31	9	2	0	=B16*(C16+D16*1.5+E16*2)
17					Total	=SUM(F5:F16)

1 Modify your spreadsheet to show that:

a If Betty Lin works 38 hours at normal time, 5 hours at time-and-a-half and 3 hours double-time she will earn $1745.85.

b If Julio Mahara works 17 hours at normal time and 8 hours at double-time he will earn $579.48.

c If Fiona Jefferies turns 16 and her hourly rate of pay increases to $15.45, she will earn $9.36 more per week for her usual 6 hour shift.

2 Enter the following data into the spreadsheet to calculate the wages for a week's work at Hungry Mac's Fast Food Store:

Employee Name	Rate of Pay	Hours Worked		
		Normal Time	Time and a Half	Double Time
Betty Lin	$33.90	38	6	0
Peter Pumpernickel	$25.57	0	0	0
Mario Peach	$21.33	38	2	8
Aisling Edge	$21.33	25	0	0
Julio Mahara	$17.56	33	2	5
Heathcliff Henderson	$15.45	8	2	0
Ezra Mehta	$15.45	15	0	0
Angelina Tap	$13.89	6	2	0
Fiona Jefferies	$13.89	6	0	0
Son Hin Woo	$13.89	8	0	0
Ahmed Raad	$11.31	6	0	2
Raymond Parkinson	$11.31	9	2	0

Use the spreadsheet to answer the following questions:

a How much was earned by the following employees:

i Aisling

ii Julio

iii Angelina

b What was the total of all employee wages for the week?

3 What is the benefit of using a spreadsheet like this to calculate the wages of all employees rather than calculating each individual's wage separately every week?

Answers

2 a i $533.25
ii $807.76
iii $125.01

b $5120.11

c It makes multiple or repeated computations simple and fast.