Spreadsheets: Chapter 1

Business Math

Use Excel to create a spreadsheet for each of these problems. You can save them all in one workbook.

1. **Inventory**

Use the information in the table below. Enter formulas to calculate Goods Available for Sale and Cost of Goods Sold. The Ending Inventory for one month is the Beginning Inventory for the following month.

Month	Beginning Inventory	Merchandise Purchases	Goods Available for Sale	Ending Inventory	Cost of Goods Sold.
April	$487,852	$245,600		$198,259	
May		$872,000		$207,402	
June		$635,000		$67,295	
July		$1,206,537		$150,899	

2. **Profit or Loss**

Create a Profit or Loss Statement using the information in the table below. Enter formulas to calculate Net Sales, Gross Profit, and Net Profit or Loss.

Month	Sales	Returns	Net Sales	Cost of Goods Sold	Gross Profit	Expenses	Net Profit or Loss
January	$75,823	$654		$41,084		$12,522	
February	$54,398	$1800		$43,250		$14,008	
March	$123,456	$987		$61,012		$9,025	
April	$94,368	$3,015		$69,027		$10,992	

3. **Payroll**

Create a spreadsheet that calculates the weekly pay for its employees. The spreadsheet must use an IF statement to calculate the number of overtime hours worked. Overtime is paid at 1.5 the rate of regular pay.

Employee	Pay Rate	Hours Worked This Week	Regular	OT	Gross Pay
Alex	$13.50	45	40	5	
Beatrice	$14.25	46	40	6	
Charles	$15.00	38	38		
Denise	$11.00	16	16		
Esmee	$18.75	24	24		
Fotinia	$12.50	40	40		
Gerber	$16.00	41	40	1	

Send your Excel or Google Sheets file to *amy@trinitytutor.com*. If you use a Mac, save your file as an Excel file.