

Spreadsheet Uses and Advantages Spreadsheets Uses Home: Budgets, Loans, Investments Education: Calculate Grades Business: Accounting, Payroll, Sales, Taxes, Inventory Statistical data analysis and forecasting Scientific and Engineering: Data Analysis Advantages of Spreadsheets Save time and fewer errors

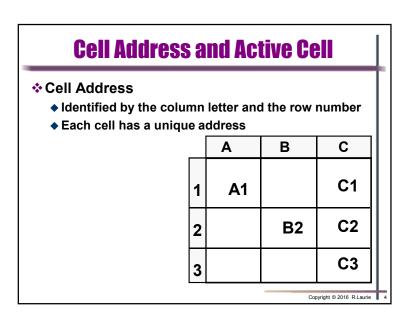
If cell value changes recalculates values in dependent cells

◆ Can represent data trends visually using *Charts*

◆ Allows "what if" analysis for decision making

Automatically recalculate values

♦ Formulas can be entered for cells



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Cell Address and Active Cell Cell Address ♦ Identified by the column letter and the row number ◆ Each cell has a unique address Active Cell Α В С ◆ Changes can only take place in the **C1** 1 **A1** active cell ◆ Selected using C₂ mouse cursor or **B2** 2 arrow keys **C3** 3

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Cell AddressIdentified by the coloEach cell has a uniq			d the row	number
		Α	В	С
 Changes can only take place in the active cell Selected using mouse cursor or arrow keys 		A1		C1
			B2	C2
Cell Range A1:C2 ♦ Select using mouse	3			C3

Cell Contents ❖ Contains 1 of 3 types of information ◆Label Feb. Jan. **♦**Text Information ◆Value Sales 1328 1750 **♦**Number **♦**Formula Cost 964 625 **♦**Calculation 786 703 Gross **♦** Dependent on other cells ♦ Can use Functions which are ▶ Preprogrammed Formulas ▶ SUM(B2:B4) to calculate the sum of a range ▶ AVERAGE(B2:B4) to calculate the average of a range

rmula	s Used t	o Calc	ulate Values	
ddresses, c ormula app alculated va	pperators, vecential per per a line in the land along the land alo	alues, and formula ba s in the ac	functions ar but its tive cell	
Α	В	С		
	Jan.	Feb.	-04.02	
Sales	1750	1328	= = A4-A3 = SUM(B4)	
Cost	964	625	=SUM(B2:B3) =B2-B3	
0	786	703		
	ormulas maddresses, cormula appalculated variable A	ormulas may contain addresses, operators, vormula appears in the alculated value appear thich Formula calculated A B Jan. Sales 1750	Jan. Feb. Sales 1750 1328	

