II. TREND ANALYSIS

					PROJECTED			
0-1	1999	2000	2001	2002	2003	Google "Business Book Mall"		
Sales Change	\$200,000	\$320,000 \$120,000	\$410,000 \$ 90,000			for material to enhance your career.		
% Change		60%	28%	17%	10%	The state of the s		
III. RATIO ANALYSIS								
The following analysis uses data from this Learning Unit and pages 108 and 118.								
LIQUIDITY RATIOS for 2002 (\$ 000)								
Current Ratio Current Assets = 219 = 3.48 Liquidity ratios measure the ability of a company to pay current liabilities. Because the return on current assets is low, a high ratio may lead to a low return on assets.								
Quick Ratio <u>Current Assets - Inventory</u> = <u>219-80</u> = 2.2 A low ratio means a company may be unable to pay creditors.								
ACTIVITY RATIOS								
Accounts Receivable Net Receivable Sales = $\frac{479.6}{2}$ = 6.85 times Accounts Receivable Average Net Accounts Receivable $\frac{50 + 90}{2}$								
Average Collect Period	ion <u>Avera</u>	re Net Accou Net Receiva 365	nts Receiva ble Sales	= _70	$\frac{60 + 90}{2}$ $\frac{479.6}{365 \text{ days}}$ $= 53.3 \text{ da}$			
Inventory Turno	ver	Cost of G Average In		90	85 = 3.35	high enough to provide variety and quick delivery while keeping inventory carry costs to a minimum. Fixed assets like computers should increase efficiency, causing more		
Fixed Asset Tur	nover		Sales ixed Assets		79.6 + 260 2	profitable sales.		
= 1.96 times								
PROFITABILITY RATIOS								
Return on Sales		Operating D	(1000)	= <u>84.</u> 479.		Return on Common Stock equity is the single most important measure of the current financial success of a com-		
Return on Assets		Operating Average Tot	al Assets	469	4.6 + 529 2			
Return on Equity Common Stock	7/	perating _ Income rage Common	Preferred <u>Dividends</u> Stock Equi	= _84.	6 - 8 = 81.9 ⁵ + 87 2	Note: Preferred Dividend from page 112.		
LEVERAGE RATIOS								
Debt/Equity Rati	.0	<u>Total Lia</u> Stockholder		= 163	_ = 44.5%	Leverage is the use of debt to generate income. Generally the higher the debt in relation to equity, the higher the leverage, the higher the possible return, and the higher the risk.		
Debt/Asset Ratio		Total Lia	<u>bilities</u> ets	= <u>163</u> 529	_ = 30.8%			

Note: Formulas for these ratios differ slightly from one source to another.

Net Income Tax $\frac{\text{Interest} + \text{Expense}}{\text{Net Interest}} = \frac{84.6 + 9 + 20}{9}$

= 12.6 times

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Operating

Income +

Times Interest Earned

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