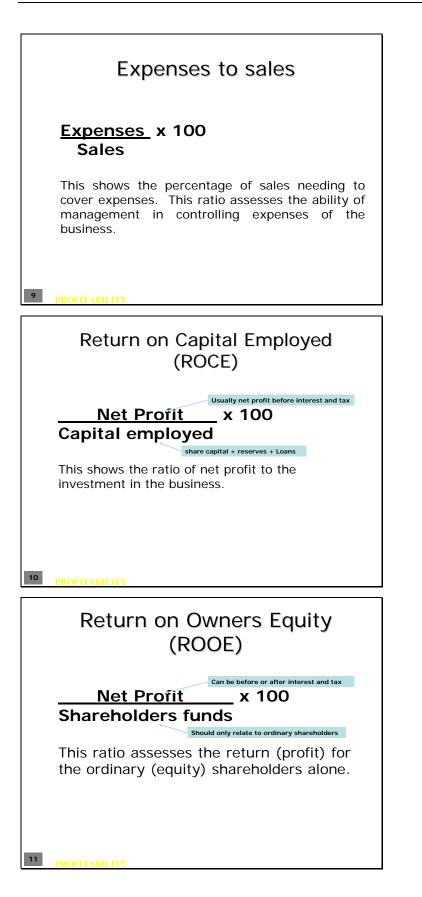
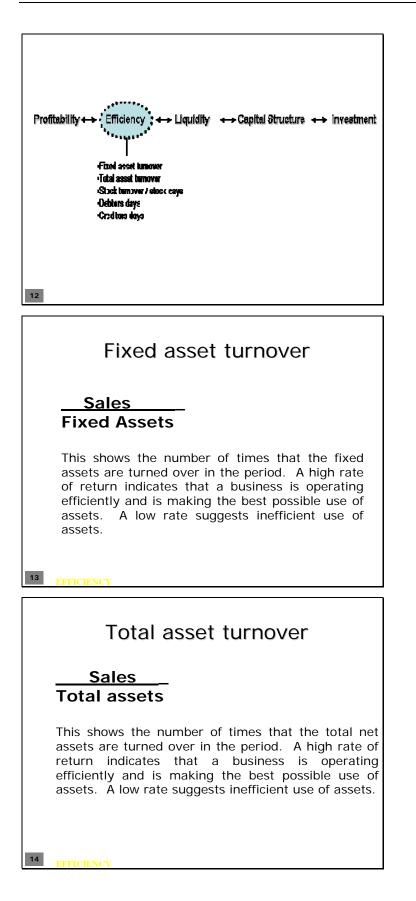


Ratio analysis
Profitability Efficiency Liquidity Capital Structure Investment
4

Data for ratio illustrations									
Profit Statements for year ended 31 December			Balance sheet as at 31 De	Balance sheet as at 31 December					
Turnover		9,885	Fixed assets			8,595			
Less cost of sales									
Opening stock	500		Current assets						
Net purchases	6,800		Stock	850					
Closing stock	(850)	(6,450)	Debtors	780					
Gross profit		3,435	Bank	<u>120</u>	1,750				
less expenses		(1,200)							
Net operating profit (PBIT)		2,235	Current liabilities						
Less interest payable		(162)	Creditors	585					
Net profit before tax		2,073	Bank/ short term loans	<u>500</u>	(1,085)	665			
Less taxation		(413)							
Profit after interest and tax		1,660	Long term liabilities						
less dividends preference		(100)	Debentures			(1,800)			
less dividends ordinary		(800)				7,460			
Retained profit for the year		760							
Retained profit b/f		1,200	Capital and reserves						
Retained profit c/f		1,960	Ordinary shares	8,000		4,000			
			Preference shares			1,000			
Market price of shares	1.21		Retained profit			1,960			
8 million ordinary shares issued			Reserves			500			
						7,460			

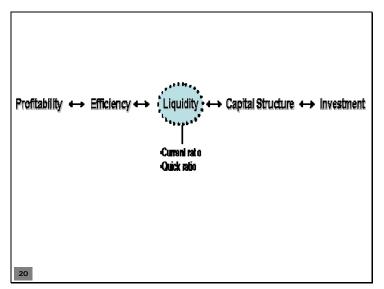


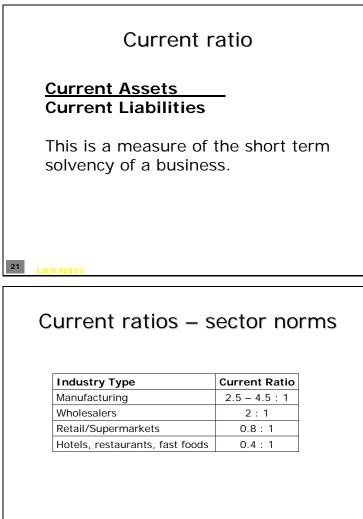




Stock turnover				
<u>Cost of sales</u> Average stock				
Stock turnover is the average number of times per year that the whole value of stock is purchased and resold. The quicker stock is told the quicker profit will be made on that item. A low rate of turnover shows that old stock is being left on the shelves.				
15 EFFICIENCY				
Stock days				
Stock can also be measured by examining the number of days on average that stock is held.				
<u>Average stock</u> x 365 Cost of sales				
16 EFFICIENCY				
Debtors days				
<u>Trade Debtors</u> x 365 Credit Sales				
Indicates how quickly debtors pay. Th ratio can be expressed as the number days credit taken by debtor	of			
17 EFFICIENCY				

Creditors days				
Trade Creditors x 365 Credit Purchases				
Indicates how long before creditors are paid. This ratio can be expressed as the number of days credit taken before payment.				
18 EFFICIENCY				
Return on Capital Employed (ROCE)				
Note: the combination of net profit margin and the asset turnover gives the return on capital employed.				
Profit Margin x Asset Turnover <u>Sales</u> x <u>Net Profit</u> x 100 = <u>Net Profit</u> x100 Capital Employed Sales Capital Employed				
19				





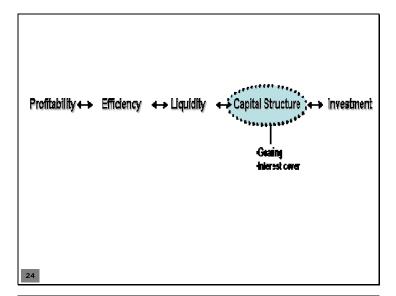
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Acid-test ratio

<u>Current Assets - Stock</u> Current Liabilities

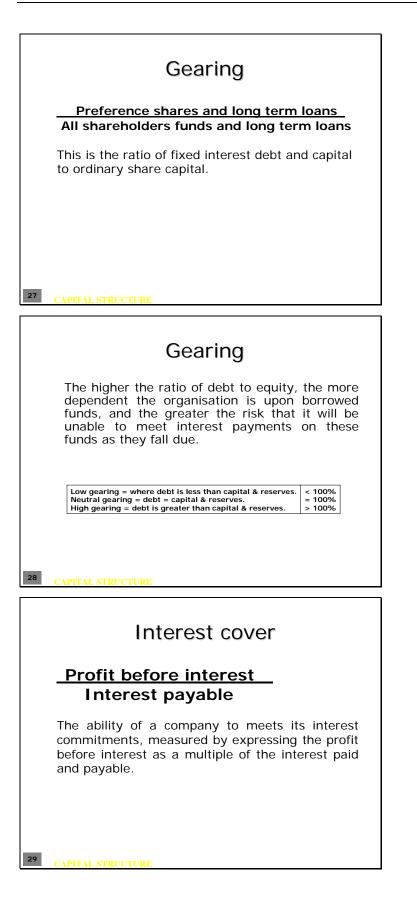
Also know as quick ratio. Indicates the ability of a business to pay off short term liabilities without resorting to the liquidation of stock or the sale of fixed assets.

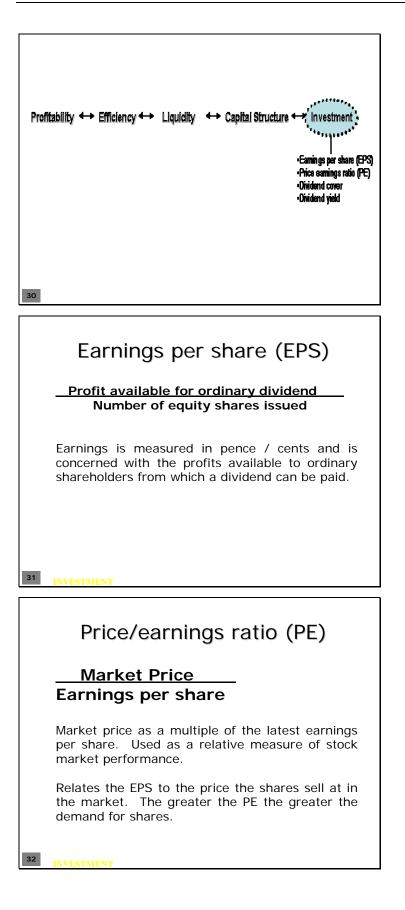
23 LIOUIDITY

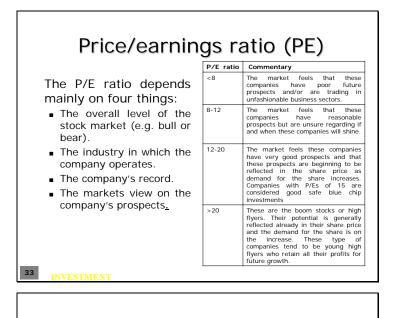


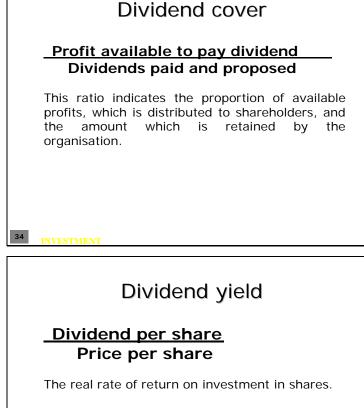


Through debt	Through equity			
Interest must be paid on the debt	Dividends will be paid to shareholders			
Interest is tax deductible	Dividends are not tax deductible			
Debt generally cheaper	Equity requires higher returns to compensate for risk			
Debt is risky because interest must be paid	Dividends are at discretion of management and may be deferred			
Loan must be repaid	Equity does not require repayment			
CAPITAL STRUCTURE				



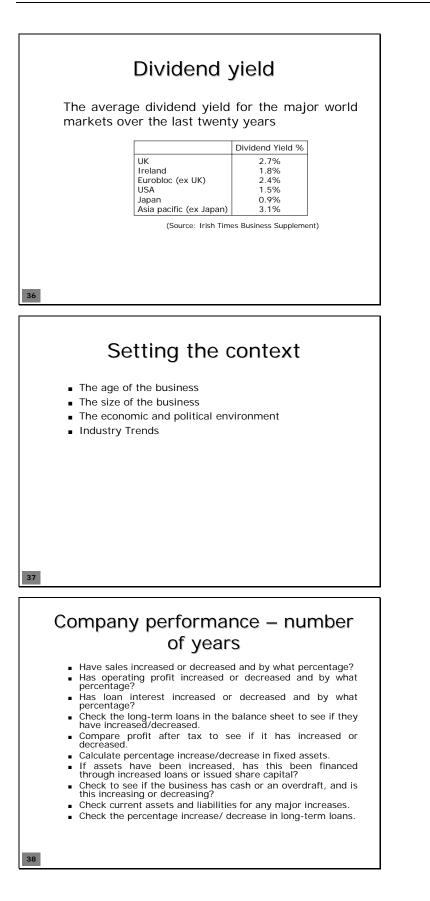


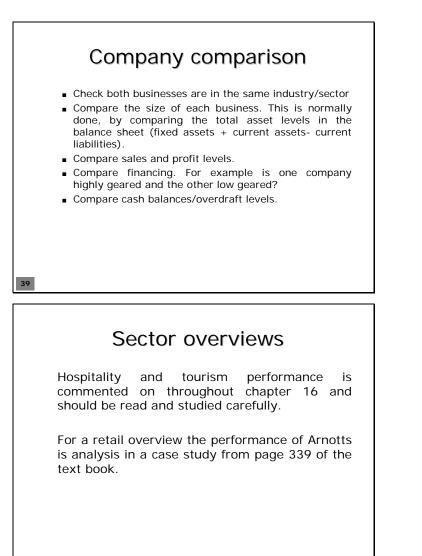




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