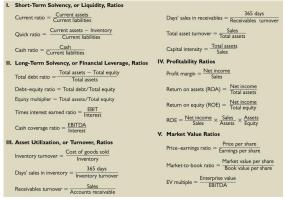
	Positive	Negative
Corporation	-limited liability -easy to raise large amounts of funds -easy to transfer ownership -perpetual life	-costly to start -double taxation -may face agency problems
Sole	-easy to start -single taxation -control of the company resides	-hard to transfer ownership -unlimited liability -limited life

Agency Problem: The agent may not fully represent

the principal and act on a conflict of interest.



NWC: Positive NWC means the company can cover its short term liabilities with liquid assets

Current ratio measures a company's ability to pay current liabilities with its current assets

EBIT=Revenue(Sales)-COGS-Operating Expenses=

NI+Interest+Taxes, reflects company's profitability

Stock Buybacks: Aims: 1. reduce the number of outstanding shares on the market, increasing the shareholder value 2.improve financial ratios: increase EPS, ROA, ROE as there is less assets and outstanding equity; invest in company itself when there are no better investment options.

When: P/E ratio is below industry standard

Does not have lucrative investment opportunities

cash ratio above industry standards

Days' Sales in inventory

Reason for going up: Demand for the company's product goes down; Industry in which the firm operates is going through a structural change

Economy is slowing down / Recession

Sustainable Growth: Rate = Retention Ratio * ROE or ROA*b / (1 - ROA * b)

nternal Crowth rate-Poton

Internal Growth rate=Retention ratio*ROA

Increase ROE or decrease COGS can increase SGR EFN=Sales/Assets * ∂ Sales - Spontaneous

Liabilities/Sales * ∂ Sales - PM*Projected Sales * (1-d) low D/E: less likely suffer from long term solvency issues, need not allocate most resources for cost of

issues, need not allocate most resources for cost of borrowing. May missing potential to grow at higher rate

Income :	Statement	
Sales		\$500
Costs		400
Taxable income		\$100
Taxes (34%)		34
Net income		\$ 66
Dividends	\$22	
Addition to retained earnings	44	

Assets		Liabilities and Owners' Equity			
		Percentage of Sales			Percentage of Sales
Current assets			Current liabilities		
Cash	\$ 160	16%	Accounts payable	\$ 300	30%
Accounts receivable	440	44	Notes payable	100	n/a
Inventory	600	_60	Total	\$ 400	n/a
Total	\$1,200	120	Long-term debt	\$ 800	n/a
Fixed assets			Owners' equity		
Net plant and equipment	\$1,800	180	Common stock and paid-in surplus	\$ 800	n/a
			Retained earnings	1,000	n/a
			Total	\$1,800	n/a
Total assets	\$3,000	300%	Total liabilities and owners' equity	\$3,000	n/a

DuPont: ROE

Profit margin: Operating Efficiency; sell more products/raise product price/reduce COGS

TAT: Asset use efficiency

Equity Multiplier: Financial Leverage, increase leads to higher debt and interest payment. Preferable when interest rate is low

ROA: how effectively the company can make use of its assets to get maximum profit. Iow ROA indicates that the company is not able to make maximum use of its assets for getting more profits. Iow ROA high PM indicates Iow Assets turnover

Inventory 2,000 Accounts Receivable 6,500 Current Assets: 5,000 Accounts Receivables: 6,500 Office Building 10,000 Inventory: 2,000 Total Current Assets: 13.500 Common Stock 5,000 Property Plant and Equipment: 13,000 Cash 5.000 Intangible Assets: 5,000 Net Assets: 31.500 Short term Loans 4,000 Liabilities: Owed to supplier 2,500 Current Liabilities: Accounts Pavable: 2.500 Machines 3,000 Short Term Debt: 4.000 Total Current Liabilities: 6,500 Bonds 12,000 Longterm Debt: 12,000 Intangible Assets 5,000 Deferred Taxes 1.000 Net Liabilities: 19,500 Retained Earnings? Equity: Common Stock: 5,000 Deferred Taxes 1,000 Retained Earnings: 7,000 Net Equity: 12,000

Pros and Cons of Going Public

Pros: Obtain money that does not have to be repaid; Increased visibility; Market valuation

Cons: Going public is costly; Management loses some of its freedom to act without board approval; Open to scrutiny; Public reporting; Company may be taken over Goodwill: the excess purchase price of another company based on its proprietary or intellectual property, brand recognition, patents

Goodwill increases its value, as qualities such as the company's customer base, its brands, products, location, workforce, and reputation demonstrate the company's proven track record of generating income.

Stock price:reflects a company's financial health; reflects investor perception of its ability to earn and grow its profits in the future

high stock price: management would likely remain/increases in compensation; receive more favorable press from analysts; prevention of takeover Positive EBIT Negative NI company may experience depreciation; accrual expense: company records an expense for purchasing an asset, but does not have to pay for it until the next period. Expenses are recorded at the time they are incurred, not when they're paid

Assets:		Revenue			13,000
Current Assets		Cost			(7,000)
Cash	8,000	Gross Profit			6,000
Accounts Receivables	8,500	Depreciation			(1,500)
. Inventory	3,000	EBIT			4,500
Total Current Assets	19,500	Interest			1,400
Fixed Assets	12,000	Pre-Tax Income			3,100
Total Assets	31,500	Tax (35%)			1,085
		Net Income			2,015
Liabilities:		Add to Ret. Earnings (80%)		%)	1,612
Current Liabilities	-	Dividends (20%)		403	
Accounts Payable	4,500	D111001100 (E0 10)			100
Short Term Debt (Notes Payable)	3,000	Inventory	3,000	Revenue	13,000
Total Current Liabilities	7,500	Fixed Assets	12,000	Cost	7,000
Long Term Debt	14,000	Cash	8,000	Depreciation	1,500
Total Liabilities	21,500	Acct. Pav.	-	Interest	1,400
Equity:			-		-
Retained Earnings	3,388+1,612 = 5,000	Long-term Debt	14,000	Tax (%)	35%
Common Stock	5,000	Acct. Rec.	8,500	Retention Ratio (%)	80%
Total Liab&Equity	31,500	Common Stock	5,000	Ret. Earnings 2015	3,388

3. A firm has days' sales in inventory of 105 days, an average collection period of 35 days, and takes 42 days, on average, to pay its accounts payable. Taken together, what do these three figures imply about the firm's operations and its cash flows?

It takes, on average, 105 days to sell inventory once it is purchased by the firm, then it takes another 35 days to callect on the receivables. Thus, the firm must finance the inventory and receivables for 140 days. The first 42 days are financed with payables, on average, leaving 98 days worth of inventory and receivables that it must finance using other sources. In terms of cash flow, the average cash outflow occurs 42 days after inventory is purchased while the average cash inflow occurs 98 days later, which is 140 days after the inventory is purchased by the firm.

Market Value Measures	Market Capitalization = Price per share * # Shares Outstanding P/E Ratio = Price Per Share / Earnings Per Share
Accounting Ratios	Current Ratio = Current Assets/ Current Liabilities Quick Ratio = (Current Assets - Inventory) / Current Liabilities Quick Ratio = (Current Assets - Inventory) / Current Liabilities Total Debt Ratio = (Cash / Current Liabilities) Total Debt Ratio = (Cash / Current Liabilities) Equity Multiplier = Total Assets = Total Equalities Equity Multiplier = Total Assets / Total Equalities Times Interest Enned = (Earnings Before Interest And Taxes) / Interest Inventory Turnover = Cost of Goods Solid / Inventory Inventory Turnover = Cost of Goods Solid / Inventory Days' Sales in Inventory = 36 / (Inventory Turnover) Raccivabiles Turnover = Sales / Accounts Receivable Days' Sales in Receivables = 36 / Receivables Turnover Total Asset Turnover = Sales / Total Assets Profit Margin = Net Income / Sales Ratturn on Assets = Net Income / Sales Ratturn on Assets = Net Income / Sales Ratturn of Equity = Net Income / Total Equity EBITOA Margin = EBITOA / Sales Gaolal Interesty = Total Equity EBITOA Margin = EBITOA / Sales
Financial Cash Flow	CQB interests of Stocks Sold-Stocks purplised in the Stocks of Stocks Sold-Stocks of Stocks of S

Value Company: Mature company whose growth level stablized and ceased to grow; higher rates than peers Growth company: companies that have demonstrated better-than-average gains in earnings in recent years and expected to continue delivering high profit growth