

- A financial manager's primary goal is to maximize the fundamental/intrinsic value of the firm's stock. This value is based on the stream of cash flows the firm expected to generate in the future.
- "How does an investor 30 about future cash flaws, and how does a financial manager decide which actions are most likely to increase cash flow?

 Answering these questions, we need to indepstand "financial Statements" that publicly traded firms must provide to the public.
- Delance Sheet reports the Firm's financial positions at a particular point in time. It consists of three elements; Assets, Liabilities, and Shareholders' equity.
 - @Assets represents what the firm "owns"; Resources that are expected to provide
 - Diabilities show what the firm "OWES"; Obilityations that are expected to require an outflow of economic resources.
 - © Shaneholders' equity (≈ net assets) represents the amount of financing the firm experiences through common and preferred shares.

*Assets = Liabilities + Shareholders' Equity

② Income Statement reports the revenues and expenses of the firm over a period of time; Net income = Revenues - Expenses.

(We will giscuss bresengthou formats later:)

- 3) Cash flows statement (statement of Oash Flows) reports a firm/company's cash receipts and cash payments over a period of time.
- D Statement of Shareholder's Equity veports the changes in value to Shareholders' equity over a period of time, and the business activities that contribute to whether the value of shareholders' equity increases or decreases.

A bit more details

(1) Balance Sheet (Financial Position)

SOCHFIDE of futive economic benefits (Financing) future economic Assets" LIGHTIANS benefits! "Current l'abilités · Current Assets *1. account Payable (4P) *1. cash (or Equivalent) 2. note payable and current position 3 marketable securities of long-term debt. *3. account receivable (AR) 3. accrued habilities *4. inventory (operating) 4. uneamed revenues 5. other ament assets · Non-current 12016717thes 1. Long-term francien trabilities Non-Current Assets 2. deferred tax liabilities Equity (= net assets) 1. Financial assets *2, property, plant and 1. contributed capital Equipment (PP&E) 2. netames earnings 3. accumulated other comprehensive (OCI) 3. Investment property 4. Intangible assets 4. (Treasury Stock) (Investing) Liquidity based

Commercial Bank Balance Sheet; what does it look like? Assets Liabilities (1) Transaction accounts - Demand deposits (1) Loans - Real estate - NOW and ATS - Commercial - MMDA (2) Sovings and Time deposits "Time deposits below insurance in H - Individual Small Obs & CTIME deposits above Transparke 17mmy - Agricultural 2 Jumbo COS (3) other borrowings · tradable in secondary market (2) Investment Securities mactured between 1 months and Equity(=Net assets) - Short-term - Long-term · Usually 1 million in Size (1) hetained earnings T-bill, municipal (2) other equities (3) Non-Interest cash and Due from Bants - Vault Cash -CIPC -X: MBS = Mortgage tooked securities (4) Other assets CIPC = Coish Hems in process of collection OREO = other Rich estate owned (2) Income Statement (operating results) NOW = negotiable orders of withdrawal ATS = automotic transfers from swings MMDA = money market deposit accounts Revenue (cost of Good SOH; cogs & cost of soles) GNOSS PROFIT" (Seiting, Greneral and Administrative expenses; SG&A) (Depreciation expenses) "Operating Profit & EBIT" (Interest expenses) (Tax expenses) Income from continuing operations Discontinued operations "Net Income = Net comings"

* How to distinguish Depreciation, Amountization, and Depletion?

a Depreciation

Tupe of Asset? FIXED assets

Examples? BUTIATING, MOCHTINERY, etc

(D) Amortization

Internatible assets

Patents, copyright, Godwin

© Depletion

notural resources

zenime 150, egit

Ratio Analysis? Is it important?

Ratio can be used to project contings and future cash flows, evaluate a firm's flexibility, assess workgement's performance, evaluate changes in the firm and industry over time, and Company the firm with industry competitions. Sodily, ratios cannot be useful when viewed in isolation and require adjustments when different firms and industries use different

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ROSTO COMEDONS? 1 Net profit margin: Profitability

2) ASSET TUHIOURY : ACTIVITY

3 Financial leverage: Solvency

Return on Equity: Snaverobers expect to earn y a return on their money

Common-Size & Drawing Financial > Rottio Analysis Analysis Graphical Technique Araiusis

Regression Analysis

Profitability ratios measure the overall performance of the firm relative to revenues, assets, equity, and capital

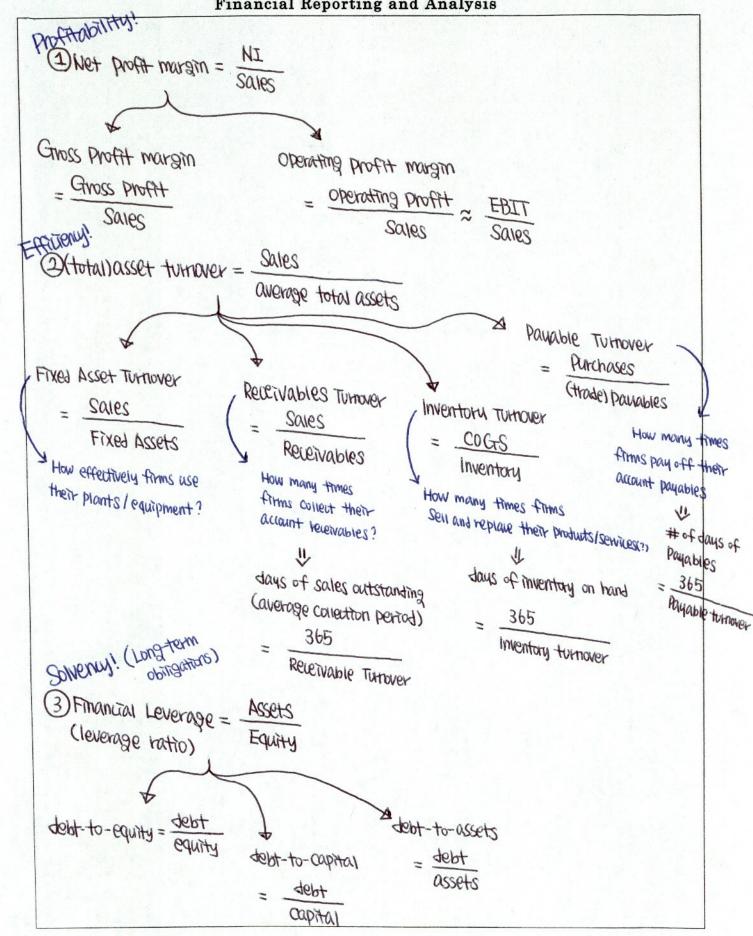
· Activity ratios (~ operating efficiency ratios) measure How efficiently the firm is managing its assets.

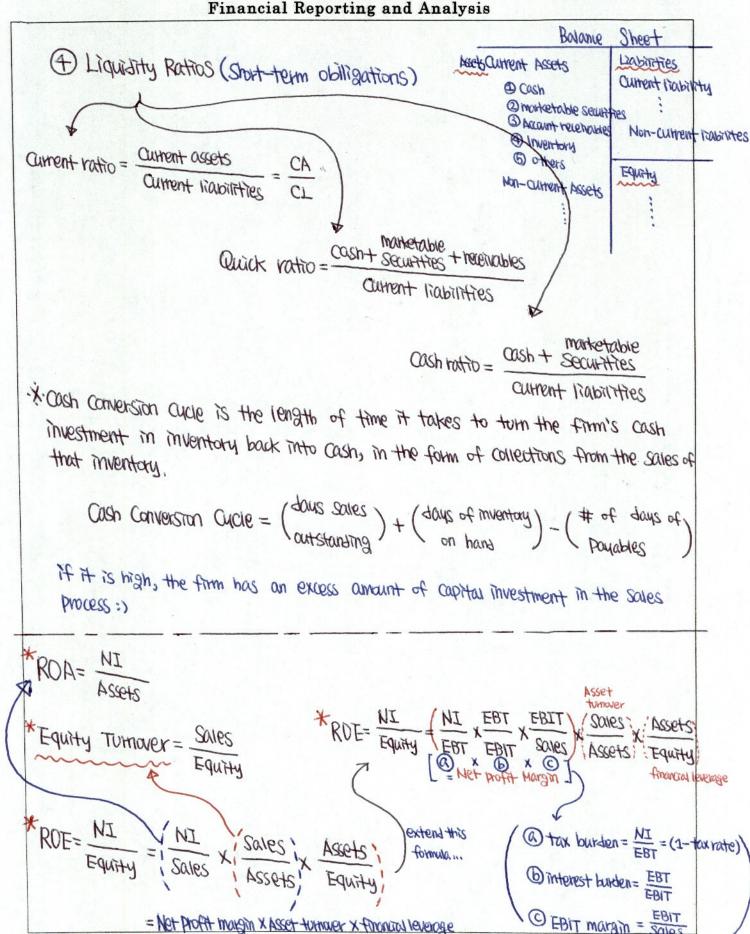
· Liquidity ratios determine the firm's ability to pay its Short-term trabilities

· Solvency ratios measure a firm's financial leverage and ability to meet its iong-term obligations.

«Valuation: P/E, P/B, P/S ...

 \dot{X} . Dupont System = $\textcircled{1} \times \textcircled{2} \times \textcircled{3} = \text{Net Profit margin } X \text{ Asset turnover } X \text{ Financial leverage}$





TRUE is always desirable??? Why?