		Ratio	Formula	Measures / Notes
	1	Current Ratio = Cash + Cash Equivalents + Short term owned Cash Equivalents + =	Current Assets * Current Liabilities Securities + Net RCV + Inventory Available for Sale OR Held to maturity OR Trading Securities From the name of ratio : should be currents	Short Term Liquidity Ratio 2:1 ►► Normal Normal Ratio 2:1 ►► Normal Normal Normal Normal Ratio 2:1 ►► Normal
Ratios	2	Quick Cash Ratio = Acid test ratio Derivat	Cash + Cash Equivalents + Short term owned Securities + Net RCV Current Liabilities tive of Current ratio	Shorter Term Liquidity within few days
Liquidity Ratios	3	Cash To Current Liabilities Ratio = Derivat	Cash + Cash Equivalents + Short term owned Securities Current Liabilities tive of Current ratio	measures the immediate amount of cash available to satisfy short term debt Shorter Term Liquidity within faster than few days Ratio ≥ 0.4 ▶▶ healthy
	4	Cash Flow Ratio =	Annual Operating Cash Flow Average Current Liabilities	How many times the Op.Cash Flow is more than Current Liabilities
	5	Cash To Current Assets Ratio = Rule of	Cash + Cash Equivalents + Short term owned Securities Average Current Assets 'thumb : Curr.Assets should be average .	Current Assets Liquidity
	6	Inventory Turnover = Average Annual Inventory * =	Annualized C.O.S Average Annual Inventory * Average Inventory 300, 360, 365 (Inventory Beginning balance + Inventory Ending balance) / 2	measures the number of times a company sells its inventory during the year high ratio indicated that the product is selling well How many times a firm sells the average from inventory
Ratios	7	Days Sales in Inventory = Average Daily C.O.S* =	annual Cos / 365	Inventory Management I ACCOUNTANTS DIRECTORY www.jps-dir.com
Activity Ratios	8	Receivable Turnover = Turnov	Net Annual Credit Sales Average Annual RCV ver calculation is = (Annual) ÷ (Average Annual)	How many times RCV turn in a year Larger ratio is better
	8	Payable Turnover = Turnov	Net Annual Credit Purchases Average Annual Payables per calculation is = (Annual) ÷ (Average Annual)	How many times Pybl turn in a year Better if RCV Turnover ratio is biger than Payable turnover ratio .
	9	Days Sales in Receivable Average Collection Period = Average Daily Credit Sales * = Days Ca	300, 360, 365 Receivable Turnover Average Receivable Average Daily Credit Sales * Annual Credit Sales / 365 alculation is = (average) ÷ (Average Daily)	Efficiency of RCV collection

		Ratio	Formula	Measures / Notes
ľ	10	Assets Turnover =	Sales	Efficiency of using All Assets to generate profits
			Assets	Efficiency of using All Assets to generate profits
		The distance Transcore	Calva	
		Fixed Assets Turnover =	Sales Net Fixed Assets	Efficiency of using Fixed Assets to generate profits
S				
tio	14	Days Purchases in Payable =	Average Account Payable	. 1 11 1 1.
Ra		Average Payment Period	Average Daily Purchases	داسيا المحاللاسية
Activity Ratios		Days c	alculation is = (average) ÷ (Average Daily)	0
ivi	45	Purchases =		ACCOUNTANTS
ıct	15	Purchases =	C.O.S + (Ending Inventory - Beginning Inventory)	ACCOUNTAINS
A	11	Trend Overtime =	Provision for doubtful RCV	
			Gross Account RCV	DIDECTODY
	12	Operating Cycle =	Danie Calas in Importante i Danie Calas in BCU	DIRECTORY
	12	Operating Cycle =	Days Sales in Inventory + Days Sales in RCV	
	13	Cash Cycle =	Operating Cycle - Days Purchases in Payable	www.jps-dir.com
				I WWW IDS-UIL COIL I
	16	Financial Leverage Ratio F.L.R =	Average TTL Assets Average "Common Equity" *	
		Equity Multiplier		
		TTL "Common Equity" * =	TTL Equity - Preferred Stock - Any Minority Interest	Using debts to finance (Operations & Assets)
		PLR =	Average ÷ Average	A firm Ability to pay all debts
	17	Financial Leverage Index F.L.I =	ROE*	A firm success in using the FLR
			ROA*	A III III Success III using the PLK
	18	Return on Equity ROE *	Net Income - Preferred Dividends	
	10	Return on Equity NOE	Average TTL Equity	
		Return	s : Net Income , So Average	
				دا الحاسيين
	19	Return on "Common Equity" ROCE =	(Net Income after Interest & Tax) - Preferred Dividends	دلـيل المـحاسبين ACCOUNTANTS
		Adjusted ROE by removing Preferred equity	"Common Equity" *	DIRECTORY
0.5	20	Return on Assets ROA * =	Net Income	
ati		_	Average Assets	www.jps-dir.com
R		Return	s : Net Income , So Average	
Leverage Ratios	21	Degree of Financial Leverage Ratio DFL =	EBIT	
era	21		Earning before Tax	
eV				Using Fixed Operating Costs to generate Op.Profits
L		=	% Δ Net Income % Δ EBIT	
			70 Δ EBH	
	22	Degree of Operating Leverage Ratio DOL =	Contribution Margin *	
			EBIT	
		=	% Δ EBIT	
			% \(\Delta \) SALES	
		Contribution Margin * =	SALES - All Variable Costs	
	00			
	23	Total Debt To Total Equity = Total Debt To Total Assets	TTL Liabilities TTL Assets	A firm Assets been financed by Creditors
		Total Debt Ratio	THEORY	Measures A firm Liabilities on Short/Long Term
	24	Total Debt To Equity Capital =	TTL Liabilities TTL Equity	Measures A Firm Debts To Equity Liability . Larger ratio is not good , it means the Firm debts from creditors is more than from Equity
			1 12 Equity	22. See 1. 10. 10. 10. 10. 10. 11. 11. 11. 11.

	Ratio		Formula	Measures / Notes
25	Equity Capital To Total Debt	=	TTL Equity TTL Liabilities	
26	Long Term Debt To Equity Capital Debt Equity Ratio	=	Long Term Liabilities TTL Equity	The L.Term debts in Current liabilities TO Equity
27	Fixed Assets To Equity Capital	=	Net FAS TTL Equity	A firm Assets been financed by Equity Ratio ≤ 1 ▶▶ favourable liquidity
28	Net Tangible Assets to Long term Debt	=	TTL Assets - (In-Tangible Assets) - TTL Liabilities Long Term Debt	How a firm assets cover L.term debt
29	TTL Liabilities to Net Tangible Assets	=	TTL Liabilities TTL Assets - (In-Tangible Assets) - TTL Liabilities	How a firm assets cover L.term debt
30	Time Interest Earned	=	EBIT Interest Exp.	A firm ability to pay interests , Larger is good How many times the Earning cover interests
31	Earned to Fixed Charges Fixed Charge Coverage Ratio Estimate Long Term Operating	Leases * = 1/3	EBIT + Estimate Long Term Operating Leases* Interest Exp. + Estimate Long Term Operating Leases 3 Paid operating Lease	Indicator the firm ability to face fixed cost of assets financing
32	Cash Flow to Fixed Charges		IT + Estimate Long Term Operating Leases + Pre-tax Op. Cash Flow erest Exp. + Estimate Long Term Operating Leases	
33	Return On Invested Capital ROIC Return On Assets	Returns :	Net Income Average Invested Capital Net Income , So Average	دلــيل المــحاســبين ACCOUNTANTS
34	IF Invested Capital = Total Assets Return On Invested Capital ROIC		Net Income + Interest Exp.(1-Tax Rate) + Minority interest in Income Average TTL. Assets Net Income , So Average	DIRECTORY www.jps-dir.com
35	IF Invested Capital = (Debt+Equity) Return On Invested Capital ROIC		Net Income + Interest Exp.(1-Tax Rate) + Minority interest in Income Average Long term Debt + Average Equity Net Income , So Average	
36	IF Invested Capital = Common Shareholder Equity Return On Invested Capital ROIC	= Returns :	Net Income - Preferred Dividends Average Common Shareholder Equity Net Income , So Average	
37	Profit Margin	=	Net Income Sales	Measures net profit achieved per each dollar of sales , It indicates to Achieved Sales aft covering & pay all C.O.S & expenses , Larger Ratio is good.
38	Total Debt To Equity	=	TTL Liabilities	22. 2 Sa pay an ololo a expenses y an get ratio is good.

Ratios Above :		We mean
1-	Total Debt	Total Liabilities
2-	Total Equity	Total Assets
3-	Equity Capital	Total Equity
4-	Long term Debt	Long term Liabilities
5-	denominator	المقام في الكسر العشرية
6-	numerator	البسط في الكسر العشرية
7-	Turn Overs	نسب النشاط Activity Ratios
8-	denominator = common equity	Net income in numerator - Preferred dividends





