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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **GRADE 12 ACCOUNTING FINANCIAL INDICATOR FORMULA SHEET** | | | | | | | | | | | | | | |
| **1** | **Gross profit as % of sales** | | | | **2** | | **Markup** | | | | | | | |
|  | Gross profit | x | | 100 |  | | Gross profit | | | X | | | | 100 |
| Sales | Cost of sales | | |
| **3** | **Net profit before tax as % of sales** | | | | **4** | | **Net profit after tax as % of sales** | | | | | | | |
|  | Net profit before tax | x | | 100 | Net profit after tax | | | X | | | | 100 |
| Sales | Sales | | |
| **5** | **Operating expenses as % of sales** | | | | **6** | | **Operating profit as % of sales** | | | | | | | |
|  | Operating expenses | x | | 100 | Operating profit | | | X | | | | 100 |
| Sales | Sales | | |
| **7** | **Solvency ratio** | | | | **8** | | **Current ratio** | | | | | | | |
|  | Total assets : Total liabilities | | | | Current assets : Current liabilities | | | | | | | |
| **9** | **Asset test ratio** | | | | **10** | | **Debt/Equity ratio** | | | | | | | |
| Current assets – Inventory : Current liabilities | | | | Non-Current liabilities : Shareholders’ Equity | | | | | | | |
| **9** | **Asset test ratio** | | | | | | | | | | | | | |
| (Trade & other receivables + Cash & cash equivalents) **:** Current liabilities | | | | | | | | | | | | | |
| **11** | **Average stock holding period** | | | | **12** | | **Stock turnover rate** | | | | | | | |
| Average trading stock | x | | 365 | Cost of sales | | | | | | | |
| Cost of sales | Average trading stock | | | | | | | |
| **13** | **Debtors’ collection period** | | | | **14** | | **Creditors’ payment period** | | | | | | | |
| Average debtors | x | | 365 | Average creditors | X | | | | 365 | | |
| Credit sales | Cost of sales |
| **15** | **Return on shareholders’ equity** | | | | **16** | | **Earnings per share** | | | | | | | |
| Net income after tax | X | | 100 | Net income after tax | | | | | | | |
| Average shareholders’ equity | Number of issued shares  (\* See note below) | | | | | | | |
| **17** | **Return on total capital employed** | | | | | | | | | | | | | |
| Net income before tax + Interest on loans | | | | | | | | X | | 100 | | | |
| Average shareholders’ equity + Average non-current loans | | | | | | | |
| **18** | **Net asset value per share** | | | | | **19** | **Dividends per share** | | | | | | | |
| Shareholders’ equity | | X | 100 | | Dividends for the year | | X | | | | 100 | |
| Number of issued shares | | Number of issued shares | |
| **20** | **Interim dividends per share** | | | | | **21** | **Final dividends per share** | | | | | | | |
| Interim dividends | | X | 100 | | Final dividends | | X | | | | 100 | |
| Number of issued shares | | Number of issued shares | |
| **22** | **Dividend payout rate** | | | | | **23** | **Dividend payout rate** | |  | | | |  | |
| Dividends per share | | X | 100 | | Dividends for the year | | X | | | | 100 | |
| Earnings per share | | Net income after tax | |
| **24** | **Breakeven point** | | | | | | | | | | | | | |
| Total fixed costs | | | | | | | | | | | | | |
| Selling price per unit – Variable costs per unit | | | | | | | | | | | | | |
|  | **NOTE:**  \* In this case, if there is a change in the number of issued shares during a financial  year, the weighted-average number of shares is used in practice. | | | | | | | | | | | | | |