2. Standardized financial statements. We explained that differences in size make it difficult to compare financial statements, and we discussed how to form commonsize and common-base period statements to make comparisons easier.
3. Ratio analysis. Evaluating ratios of accounting numbers is another way of comparing financial statement information. We therefore defined and discussed a number of the most commonly reported and used financial ratios. We also discussed the famous Du Pont identity as a way of analyzing financial performance.
4. Using financial statements. We described how to establish benchmarks for comparison purposes and discussed some of the types of information that are available. We then examined some of the potential problems that can arise.
After you have studied this chapter, we hope that you will have some perspective on the uses and abuses of financial statements. You should also find that your vocabulary of business and financial terms has grown substantially.

## Chapter Review and Self-Test Problems

3.1 Sources and Uses of Cash Consider the following balance sheets for the Philippe Corporation. Calculate the changes in the various accounts and, where applicable, identify the change as a source or use of cash. What were the major sources and uses of cash? Did the company become more or less liquid during the year? What happened to cash during the year?

| PHILIPPE CORPORATION <br> Balance Sheets as of December 31, 2001 and 2002 (\$ in millions) |  |  |
| :---: | :---: | :---: |
|  | 2001 | 2002 |
| Assets |  |  |
| Current assets |  |  |
| Cash | \$ 210 | \$ 215 |
| Accounts receivable | 355 | 310 |
| Inventory | 507 | 328 |
| Total | \$1,072 | \$ 853 |
| Fixed assets |  |  |
| Net plant and equipment | \$6,085 | \$6,527 |
| Total assets | \$7,157 | \$7,380 |
| Liabilities and Owners' Equity |  |  |
| Current liabilities |  |  |
| Accounts payable | \$ 207 | \$ 298 |
| Notes payable | 1,715 | 1,427 |
| Total | \$1,922 | \$1,725 |
| Long-term debt | \$1,987 | \$2,308 |
| Owners' equity |  |  |
| Common stock and paid-in surplus | \$1,000 | \$1,000 |
| Retained earnings | 2,248 | 2,347 |
| Total | \$3,248 | \$3,347 |
| Total liabilities and owners' equity | \$7,157 | \$7,380 |

3.2 Common-Size Statements Below is the most recent income statement for Philippe. Prepare a common-size income statement based on this information. How do you interpret the standardized net income? What percentage of sales goes to cost of goods sold?

3.3 Financial Ratios Based on the balance sheets and income statement in the previous two problems, calculate the following ratios for 2002:

| Current ratio |  |
| :---: | :---: |
| Quick ratio |  |
| Cash ratio |  |
| Inventory turnover |  |
| Receivables turnover |  |
| Days' sales in inventory |  |
| Days' sales in receivables |  |
| Total debt ratio |  |
| Long-term debt ratio |  |
| Times interest earned ratio |  |
| Cash coverage ratio |  |

3.4 ROE and the Du Pont Identity Calculate the 2002 ROE for the Philippe Corporation and then break down your answer into its component parts using the Du Pont identity.

## Answers to Chapter Review and Self-Test Problems

3.1 We've filled in the answers in the following table. Remember, increases in assets and decreases in liabilities indicate that we spent some cash. Decreases in assets and increases in liabilities are ways of getting cash.

Philippe used its cash primarily to purchase fixed assets and to pay off shortterm debt. The major sources of cash to do this were additional long-term borrowing, reductions in current assets, and additions to retained earnings.

| PHILIPPE CORPORATION <br> Balance Sheets as of December 31, 2001 and 2002 (\$ in millions) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2001 | 2002 | Change | Source or Use of Cash |
| Assets |  |  |  |  |
| Current assets |  |  |  |  |
| Cash | \$ 210 | \$ 215 | +\$ 5 |  |
| Accounts receivable | 355 | 310 | - 45 | Source |
| Inventory | 507 | 328 | - 179 | Source |
| Total | \$1,072 | \$ 853 | -\$219 |  |
| Fixed assets |  |  |  |  |
| Net plant and equipment | \$6,085 | \$6,527 | $\underline{+\$ 42}$ | Use |
| Total assets | \$7,157 | \$7,380 | +\$223 |  |
| Liabilities and Owners' Equity |  |  |  |  |
| Current liabilities |  |  |  |  |
| Accounts payable | \$ 207 | \$ 298 | +\$ 91 | Source |
| Notes payable | 1,715 | 1,427 | - 288 | Use |
| Total | \$1,922 | \$1,725 | -\$197 |  |
| Long-term debt | \$1,987 | \$2,308 | +\$321 | Source |
| Owners' equity |  |  |  |  |
| Common stock and paid-in surplus | \$1,000 | \$1,000 | +\$ 0 | - |
| Retained earnings | 2,248 | 2,347 | $+\quad 99$ | Source |
| Total | \$3,248 | \$3,347 | +\$ 99 |  |
| Total liabilities and owners' equity | \$7,157 | \$7,380 | +\$223 |  |

The current ratio went from $\$ 1,072 / 1,922=.56$ to $\$ 853 / 1,725=.49$, so the firm's liquidity appears to have declined somewhat. Overall, however, the amount of cash on hand increased by $\$ 5$.
3.2 We've calculated the common-size income statement below. Remember that we simply divide each item by total sales.

| PHILIPPE CORPORATION <br> 2002 Common-Size Income Statement |  |  |
| :---: | :---: | :---: |
| Sales |  | 100.0\% |
| Cost of goods sold |  | 68.6 |
| Depreciation |  | 13.6 |
| Earnings before interest and taxes |  | 17.8 |
| Interest paid |  | 12.3 |
| Taxable income |  | 5.5 |
| Taxes (34\%) |  | 1.9 |
| Net income |  | 3.6\% |
| Dividends | 1.2\% |  |
| Addition to retained earnings | 2.4\% |  |

Net income is 3.6 percent of sales. Because this is the percentage of each sales dollar that makes its way to the bottom line, the standardized net income is the firm's profit margin. Cost of goods sold is 68.6 percent of sales.
3.3 We've calculated the following ratios based on the ending figures. If you don't remember a definition, refer back to Table 3.8.

| Current ratio | $\$ 853 / \$ 1,725$ | $=.49$ times |
| :--- | :--- | :--- |
| Quick ratio | $\$ 525 / \$ 1,725$ | $=.30$ times |
| Cash ratio | $\$ 215 / \$ 1,725$ | $=.12$ times |
| Inventory turnover | $\$ 2,780 / \$ 328$ | $=8.48$ times |
| Receivables turnover | $\$ 4,053 / \$ 310$ | $=13.07$ times |
| Days' sales in inventory | $365 / 8.48$ | $=43.06$ days |
| Days' sales in receivables | $365 / 13.07$ | $=27.92$ days |
| Total debt ratio | $\$ 4,033 / \$ 7,380$ | $=54.6 \%$ |
| Long-term debt ratio | $\$ 2,308 / \$ 5,655$ | $=40.8 \%$ |
| Times interest earned ratio | $\$ 723 / \$ 502$ | $=1.44$ times |
| Cash coverage ratio | $\$ 1,273 / \$ 502$ | $=2.54$ times |

3.4 The return on equity is the ratio of net income to total equity. For Philippe, this is $\$ 146 / \$ 3,347=4.4 \%$, which is not outstanding.

Given the Du Pont identity, ROE can be written as:

$$
\begin{aligned}
& \text { ROE }=\text { Profit margin } \times \text { Total asset turnover } \times \text { Equity multiplier } \\
&=\$ 146 / \$ 4,053 \times \\
& \$ 4,053 / \$ 7,380 \\
&=3.6 \% \\
& \times \\
& .549 \\
& \hline
\end{aligned}
$$

Notice that return on assets, ROA, is $3.6 \% \times .549=1.98 \%$.

## Concepts Review and Critical Thinking Questions

1. Current Ratio What effect would the following actions have on a firm's current ratio? Assume that net working capital is positive.
a. Inventory is purchased.
b. A supplier is paid.
c. A short-term bank loan is repaid.
d. A long-term debt is paid off early.
e. A customer pays off a credit account.
f. Inventory is sold at cost.
g. Inventory is sold for a profit.
2. Current Ratio and Quick Ratio In recent years, Dixie Co. has greatly increased its current ratio. At the same time, the quick ratio has fallen. What has happened? Has the liquidity of the company improved?
3. Current Ratio Explain what it means for a firm to have a current ratio equal to .50 . Would the firm be better off if the current ratio were 1.50 ? What if it were 15.0? Explain your answers.
4. Financial Ratios Fully explain the kind of information the following financial ratios provide about a firm:
a. Quick ratio
b. Cash ratio
c. Capital intensity ratio
d. Total asset turnover
e. Equity multiplier
f. Long-term debt ratio
g. Times interest earned ratio
h. Profit margin
i. Return on assets
j. Return on equity
k. Price-earnings ratio
5. Standardized Financial Statements What types of information do commonsize financial statements reveal about the firm? What is the best use for these common-size statements? What purpose do common-base year statements have? When would you use them?
6. Peer Group Analysis Explain what peer group analysis means. As a financial manager, how could you use the results of peer group analysis to evaluate the performance of your firm? How is a peer group different from an aspirant group?
7. Du Pont Identity Why is the Du Pont identity a valuable tool for analyzing the performance of a firm? Discuss the types of information it reveals as compared to ROE considered by itself.
8. Industry-Specific Ratios Specialized ratios are sometimes used in specific industries. For example, the so-called book-to-bill ratio is closely watched for semiconductor manufacturers. A ratio of .93 indicates that for every $\$ 100$ worth of chips shipped over some period, only $\$ 93$ worth of new orders were received. In January 2001, the North American semiconductor equipment industry's book-to-bill ratio declined to .81 , compared to .99 during the month of December. The ratio fell for six consecutive months and was down from 1.23 in August 2000. The three-month average of worldwide bookings in January 2001 was down 21 percent from the December 2000 level, while the three-month average of worldwide shipments was down 2 percent from the December 2000 level. What is this ratio intended to measure? Why do you think it is so closely followed?
9. Industry-Specific Ratios So-called "same-store sales" are a very important measure for companies as diverse as McDonald's and Sears. As the name suggests, examining same-store sales means comparing revenues from the same stores or restaurants at two different points in time. Why might companies focus on same-store sales rather than total sales?
10. Industry-Specific Ratios There are many ways of using standardized financial information beyond those discussed in this chapter. The usual goal is to put firms on an equal footing for comparison purposes. For example, for auto manufacturers, it is common to express sales, costs, and profits on a per-car basis. For each of the following industries, give an example of an actual company and discuss one or more potentially useful means of standardizing financial information:
a. Public utilities
b. Large retailers
c. Airlines
d. On-line services
e. Hospitals
f. College textbook publishers

## Questions and Problems

Basic<br>(Questions 1-17)

1. Calculating Liquidity Ratios SDJ, Inc., has net working capital of $\$ 1,050$, current liabilities of $\$ 4,300$, and inventory of $\$ 1,300$. What is the current ratio? What is the quick ratio?
2. Calculating Profitability Ratios Music Row, Inc. has sales of $\$ 32$ million, total assets of $\$ 43$ million, and total debt of $\$ 9$ million. If the profit margin is 7 percent, what is net income? What is ROA? What is ROE?
3. Calculating the Average Collection Period Stargell Lumber Yard has a current accounts receivable balance of $\$ 392,164$. Credit sales for the year just ended were $\$ 2,105,620$. What is the receivables turnover? The days' sales in receivables? How long did it take on average for credit customers to pay off their accounts during the past year?
4. Calculating Inventory Turnover Golden Corporation has ending inventory of $\$ 423,500$, and cost of goods sold for the year just ended was $\$ 2,365,450$. What is the inventory turnover? The days' sales in inventory? How long on average did a unit of inventory sit on the shelf before it was sold?
5. Calculating Leverage Ratios Paulette's Plants, Inc., has a total debt ratio of .62. What is its debt-equity ratio? What is its equity multiplier?
6. Calculating Market Value Ratios Bethesda Co. had additions to retained earnings for the year just ended of $\$ 275,000$. The firm paid out $\$ 150,000$ in cash dividends, and it has ending total equity of $\$ 6$ million. If Bethesda currently has 125,000 shares of common stock outstanding, what are earnings per share? Dividends per share? Book value per share? If the stock currently sells for $\$ 95$ per share, what is the market-to-book ratio? The price-earnings ratio?
7. Du Pont Identity If Roten Rooters, Inc., has an equity multiplier of 1.90 , total asset turnover of 1.20 , and a profit margin of 8 percent, what is its ROE?
8. Du Pont Identity Finley Fire Prevention Corp. has a profit margin of 7 percent, total asset turnover of 1.94 , and ROE of 23.70 percent. What is this firm's debt-equity ratio?
9. Sources and Uses of Cash Based only on the following information for Sweeney Corp., did cash go up or down? By how much? Classify each event as a source or use of cash.

| Decrease in inventory | $\$ 500$ |
| :--- | ---: |
| Decrease in accounts payable | 310 |
| Decrease in notes payable | 820 |
| Increase in accounts receivable | 940 |

10. Calculating Average Payables Period For 2002, BDJ, Inc., had a cost of goods sold of $\$ 10,432$. At the end of the year, the accounts payable balance was $\$ 2,120$. How long on average did it take the company to pay off its suppliers during the year? What might a large value for this ratio imply?
11. Cash Flow and Capital Spending For the year just ended, Wallin Frozen Yogurt shows an increase in its net fixed assets account of $\$ 490$. The company took $\$ 160$ in depreciation expense for the year. How much did Wallin spend on new fixed assets? Is this a source or use of cash?
12. Equity Multiplier and Return on Equity Haselden Fried Chicken Company Basic has a debt-equity ratio of 1.10 . Return on assets is 8.4 percent, and total equity (continued) is $\$ 440,000$. What is the equity multiplier? Return on equity? Net income?

Just Dew It Corporation reports the following balance sheet information for 2001 and 2002. Use this information to work Problems 13 through 17.

| JUST DEW IT CORPORATION <br> Balance Sheets as of December 31, 2001 and 2002 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2001 | 2002 |  | 2001 | 2002 |
| Assets | Liabilities and Owners' Equity |  |  |  |  |
| Current assets |  |  | Current liabilities |  |  |
| Cash | \$ 9,201 | \$ 9,682 | Accounts payable | \$ 71,802 | \$ 56,382 |
| Accounts receivable | 28,426 | 29,481 | Notes payable | 36,108 | 50,116 |
| Inventory | 54,318 | 63,682 | Total | \$107,910 | \$106,498 |
| Total | \$ 91,945 | \$102,845 | Long-term debt | \$ 50,000 | \$ 35,000 |
| Fixed assets Net plant and equipment |  |  | Owners' equity |  |  |
|  | \$296,418 | \$327,154 | Common stock and paid-in surplus | \$ 75,000 | \$ 75,000 |
|  |  |  | Retained earnings | 155,453 | 213,501 |
|  |  |  | Total | \$230,543 | \$288,501 |
| Total assets | \$388,363 | \$429,999 | Total liabilities and owners' equity | \$388,363 | \$429,999 |

13. Preparing Standardized Financial Statements Prepare the 2001 and 2002 common-size balance sheets for Just Dew It.
14. Preparing Standardized Financial Statements Prepare the 2002 commonbase year balance sheet for Just Dew It.
15. Preparing Standardized Financial Statements Prepare the 2002 combined common-size, common-base year balance sheet for Just Dew It.
16. Sources and Uses of Cash For each account on this company's balance sheet, show the change in the account during 2002 and note whether this change was a source or use of cash. Do your numbers add up and make sense? Explain your answer for total assets as compared to your answer for total liabilities and owners' equity.
17. Calculating Financial Ratios Based on the balance sheets given for Just Dew It, calculate the following financial ratios for each year:
a. Current ratio
b. Quick ratio
c. Cash ratio
d. NWC to total assets ratio
e. Debt-equity ratio and equity multiplier
f. Total debt ratio and long-term debt ratio
18. Using the Du Pont Identity Y3K, Inc., has sales of $\$ 2,300$, total assets of $\$ 1,020$, and a debt-equity ratio of 1.00 . If its return on equity is 18 percent, what

Intermediate (Questions 18-30) is its net income?
19. Sources and Uses of Cash If accounts payable on the balance sheet decreases by $\$ 10,000$ from the beginning of the year to the end of the year, is this a source or a use of cash? Explain your answer.

Intermediate (continued)
20. Ratios and Fixed Assets The Alcala Company has a long-term debt ratio of 0.65 and a current ratio of 1.30 . Current liabilities are $\$ 900$, sales are $\$ 4,680$, profit margin is 9.5 percent, and ROE is 22.4 percent. What is the amount of the firm's net fixed assets?
21. Profit Margin In response to complaints about high prices, a grocery chain runs the following advertising campaign: "If you pay your child 50 cents to go buy $\$ 25$ worth of groceries, then your child makes twice as much on the trip as we do." You've collected the following information from the grocery chain's financial statements:

| (millions) |  |
| :--- | ---: |
| Sales | $\$ 550.0$ |
| Net income | 5.5 |
| Total assets | 140.0 |
| Total debt | 90.0 |

Evaluate the grocery chain's claim. What is the basis for the statement? Is this claim misleading? Why or why not?
22. Using the Du Pont Identity The Raggio Company has net income of $\$ 52,300$. There are currently 21.50 days' sales in receivables. Total assets are $\$ 430,000$, total receivables are $\$ 59,300$, and the debt-equity ratio is 1.30 . What is Raggio's profit margin? Its total asset turnover? Its ROE?
23. Calculating the Cash Coverage Ratio Tommy Badfinger Inc.'s net income for the most recent year was $\$ 8,175$. The tax rate was 34 percent. The firm paid $\$ 2,380$ in total interest expense and deducted $\$ 1,560$ in depreciation expense. What was Tommy Badfinger's cash coverage ratio for the year?
24. Calculating the Times Interest Earned Ratio For the most recent year, ICU Windows, Inc., had sales of $\$ 380,000$, cost of goods sold of $\$ 110,000$, depreciation expense of $\$ 32,000$, and additions to retained earnings of $\$ 41,620$. The firm currently has 30,000 shares of common stock outstanding, and the previous year's dividends per share were $\$ 1.50$. Assuming a 34 percent income tax rate, what was the times interest earned ratio?
25. Ratios and Foreign Companies Prince Albert Canning PLC had a 2002 net loss of $£ 10,418$ on sales of $£ 140,682$ (both in thousands of pounds). What was the company's profit margin? Does the fact that these figures are quoted in a foreign currency make any difference? Why? In dollars, sales were $\$ 1,236,332$. What was the net loss in dollars?

Some recent financial statements for Smolira Golf Corp. follow. Use this information to work Problems 26 through 30.

Intermediate (continued)

|  | SMOLIRA GOLF CORP. <br> Balance Sheets as of December 31, 2001 and 2002 2001 2002 |  |  | 2001 | 2002 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Assets |  |  | Liabilities and Owners' Equity |  |  |
| Current assets |  |  | Current liabilities |  |  |
| Cash | \$ 650 | \$ 710 | Accounts payable | \$ 987 | \$ 1,215 |
| Accounts receivable | 2,382 | 2,106 | Notes payable | 640 | 718 |
| Inventory | 4,408 | 4,982 | Other | 90 | 230 |
| Total | \$ 7,440 | \$ 7,798 | Total | \$ 1,717 | \$ 2,163 |
| Fixed assets |  |  | Long-term debt | \$ 4,318 | \$ 4,190 |
| Net plant and equipment | \$13,992 | \$18,584 | Owners' equity |  |  |
|  |  |  | Common stock and paid-in surplus | \$10,000 | \$10,000 |
|  |  |  | Retained earnings | 5,397 | 10,029 |
|  |  |  | Total | \$15,397 | \$20,029 |
| Total assets | \$21,432 | \$26,382 | Total | \$21,432 | \$26,382 |


| SMOLIRA GOLF CORP. 2002 Income Statement |  |  |
| :---: | :---: | :---: |
| Sales |  | \$28,000 |
| Cost of goods sold |  | 11,600 |
| Depreciation |  | 2,140 |
| Earnings before interest and taxes |  | \$14,260 |
| Interest paid |  | 980 |
| Taxable income |  | \$13,280 |
| Taxes (35\%) |  | 4,648 |
| Net income |  | \$ 8,632 |
| Dividends | \$4,000 |  |
| Addition to retained earnings | 4,632 |  |

26. Calculating Financial Ratios Find the following financial ratios for Smolira Golf Corp. (use year-end figures rather than average values where appropriate): Short-term solvency ratios
a. Current ratio
b. Quick ratio
c. Cash ratio
$\qquad$
Asset utilization ratios
d. Total asset turnover
e. Inventory turnover
f. Receivables turnover

Long-term solvency ratios
g. Total debt ratio
h. Debt-equity ratio
i. Equity multiplier
j. Times interest earned ratio
k. Cash coverage ratio $\qquad$

Intermediate (continued)

## Profitability ratios

1. Profit margin
m. Return on assets
n. Return on equity
2. Du Pont Identity Construct the Du Pont identity for Smolira Golf Corp.
3. Calculating the Interval Measure For how many days could Smolira Golf Corp. continue to operate if its cash inflows were suddenly suspended?
4. Statement of Cash Flows Prepare the 2002 statement of cash flows for Smolira Golf Corp.
5. Market Value Ratios Smolira Golf Corp. has 1,250 shares of common stock outstanding, and the market price for a share of stock at the end of 2002 was $\$ 63$. What is the price-earnings ratio? What are the dividends per share? What is the market-to-book ratio at the end of 2002?

## S\&P Problems

 STANDARD \&POOR'S1. Equity Multiplier Use the balance sheets for Amazon.com (AMZN), Bethlehem Steel (BS), American Electric Power (AEP), and Pfizer (PFE) to calculate the equity multiplier for each company over the most recent two years. Comment on any similarities or differences between the companies and explain how these might affect the equity multiplier.
2. Inventory Turnover Use the financial statements for Dell Computer Corporation (DELL) and Boeing Company (BA) to calculate the inventory turnover for each company over the past three years. Is there a difference in inventory turnover between the two companies? Is there a reason the inventory turnover is lower for Boeing? What does this tell you about comparing ratios across industries?
3. SIC Codes Find the SIC codes for Papa Johns' International (PZZA) and Darden Restaurants (DRI) on each company's home page. What is the SIC code for each of these companies? What does the business description say for each company? Are these companies comparable? What does this tell you about comparing ratios for companies based on SIC codes?
4. Calculating the Du Pont Identity Find the annual income statements and balance sheets for Anheuser-Busch (BUD) and Gateway (GTW). Calculate the Du Pont identity for each company for the most recent three years. Comment on the changes in each component of the Du Pont identity for each company over this period and compare the components between the two companies. Are the results what you expected? Why or why not?
5. Ratio Analysis Look under "Valuation" and download the "Profitability" spreadsheet for Southwest Airlines (LUV) and Continental Airlines (CAL). Find the ROA (Net ROA), ROE (Net ROE), PE ratio (P/E-High and P/E-low), and the market-to-book ratio (Price/Book-high and Price/Book-low) for each company. Since stock prices change daily, PE and market-to-book ratios are often reported as the highest and lowest values over the year, as is done in this instance. Look at these ratios for both companies over the past five years. Do you notice any trends in these ratios? Which company appears to be operating at a more efficient level based on these four ratios? If you were going to invest in an airline, which one (if either) of these companies would you choose based on this information? Why?
3.1 Du Pont Identity You can find financial statements for Walt Disney Company on the "Investor" link at Disney's home page, www.disney.com. For the three most recent years, calculate the Du Pont identity for Disney. How has ROE changed over this period? How have changes in each component of the Du Pont identity affected ROE over this period?
3.2 Ratio Analysis You want to examine the financial ratios for Dell Computer Corporation. Go to www.marketguide.com and type in the ticker symbol for the company (DELL). Next, go to the comparison link. You should find financial ratios for Dell and the industry, sector, and S\&P 500 averages for each ratio.
a. What do TTM and MRQ mean?
b. How do Dell's recent profitability ratios compare to their values over the past five years? To the industry averages? To the sector averages? To the S\&P 500 averages? Which is the better comparison group for Dell: the industry, sector, or S\&P 500 averages? Why?
c. In what areas does Dell seem to outperform its competitors based on the financial ratios? Where does Dell seem to lag behind its competitors?
d. Dell's inventory turnover ratio is much larger than that for all comparison groups. Why do you think this is?
3.3 Standardized Financial Statements Go to the "Investor" link for Enron located at www.enron.com and locate the income statement and balance sheet for the two most recent years.
a. Prepare the common-size income statements and balance sheets for the two years.
b. Prepare the common-year income statement and balance sheet for the most recent year.
c. Prepare the common-size, common-base year income statement and balance sheet for the most recent year.
3.4. Sources and Uses of Cash Find the two most recent balance sheets for 3 M at the "Investor Relations" link on the web site www.mmm.com. For each account in the balance sheet, show the change during the most recent year and note whether this was a source or use of cash. Do your numbers add up and make sense? Explain your answer for total assets as compared to your answer for total liabilities and owners' equity.
3.5. Asset Utilization Ratios Find the most recent financial statements for Kmart at www.bluelight.com and Boeing at www.boeing.com. Calculate the asset utilization ratio for these two companies. What does this ratio measure? Is the ratio similar for both companies? Why or why not?

Spreadsheet Templates 3-3, 3-7, 3-13, 3-14, 3-16


