

## CONCEPT: HORIZONTAL ANALYSIS

• A **horizontal analysis** evaluates \_\_\_\_\_ changes in account balances from one year to the next:

- ☐ Compute the \_\_\_\_\_ amount of the change between periods
- ☐ Divide the dollar amount of change by the base-period amount

$$\text{Percentage Change} = \frac{\text{Current Year Amount} - \text{Previous Year Amount}}{\text{Previous Year Amount}}$$

**EXAMPLE:** Compute the percentage change in Net Sales, COGS, and Gross Profit using the following information:

|                    | 2018   | 2017   | Dollar Amount of Change | Percentage Change |
|--------------------|--------|--------|-------------------------|-------------------|
| Net Sales          | 65,455 | 58,081 |                         |                   |
| Cost of Goods Sold | 54,912 | 45,377 |                         |                   |
| Gross Profit       |        |        |                         |                   |

**PRACTICE:** Complete a horizontal analysis of the following balance sheet:

|                                                     | 20X2          | 20X1          | Dollar Amount of Change | Percentage Change |
|-----------------------------------------------------|---------------|---------------|-------------------------|-------------------|
| Cash                                                | 26,211        | 18,514        |                         |                   |
| Accounts Receivable                                 | 15,912        | 18,530        |                         |                   |
| Inventory                                           | 6,424         | 16,028        |                         |                   |
| PPE, net                                            | 23,160        | 17,040        |                         |                   |
| <b>Total Assets</b>                                 | <b>71,707</b> | <b>70,112</b> |                         |                   |
|                                                     |               |               |                         |                   |
| Accounts Payable                                    | 9,562         | 13,759        |                         |                   |
| Accrued Expenses                                    | 6,117         | 6,241         |                         |                   |
| Long-term Debt                                      | 30,000        | 25,000        |                         |                   |
| Common Stock                                        | 1,000         | 1,000         |                         |                   |
| APIC                                                | 19,000        | 19,000        |                         |                   |
| Retained Earnings                                   | 6,028         | 5,112         |                         |                   |
| <b>Total Liabilities &amp; Stockholders' Equity</b> | <b>71,707</b> | <b>70,112</b> |                         |                   |