米



米米米
米米类

米
类

## Cost Classifications and Unit Cost Calculations



类
米
米
米
米



## 2．Nonmanufacturing Costs

All Costs that are not related to manufacturing activities such as：
a．Administrative and office（management）salaries．
b．Sales personnel salaries and commissions．
c．Advertising
d．Freight－out Expense
e．Depreciation on management building
f．Legal Expenses
g．Other selling expenses
h．Distribution cost
factory utilities，rent of factory building，insurance，and depreciation on factory equipment and plant．

## Other Costs Concepts

＊Direct Costs：Costs that can be identified with or traced to a specific cost object（product，service，or activity）．Examples include direct materials and direct labor．
＊Indirect Costs：Costs that cannot be identified with or traced to a specific cost object（product，service，or activity）．Examples include factory overhead，depreciation and an administrative cost，etc．




Ex1：Calculate the selling price of one pen of the following data：
No．of pen＝ 1200
Material cost $=\mathbf{1 6 0 , 0 0 0}$ ID
Labors cost $=\mathbf{2 0 0 , 0 0 0}$ ID
Factory expense $=35 \%$ of the prime cost．
Administration and distribution cost $=20 \%$ of the direct cost．
Profit $=\mathbf{1 0 \%}$ of the total cost．

Ans：

Prime cost $=\mathbf{1 6 0 , 0 0 0}+\mathbf{2 0 0}, 000=\mathbf{3 6 0 , 0 0 0}$ ID

Direct cost $=$ prime cost + factory expense

$$
=360,000+\frac{35}{100} \times 360,000=486,000 \mathrm{ID}
$$

Total cost $=$ direct cost + indirect cost

$$
=486,000+\frac{20}{100} \times 486,000=583,200 \mathrm{ID}
$$

Selling price $=$ total cost + profit

$$
=583,200+\frac{10}{100} \times 583,200=641,520 \mathrm{ID}
$$

$\therefore$ The selling price of each pen $=\frac{641,520}{1200}=534.6 \mathrm{ID}$

米米米米米粎米米米米粎米米米米粎米米

| 米 | 米 |  |
| :---: | :---: | :---: |
| ＊ |  | ＊ |
| ＊ | Ex2：A factory produces 300 Bulb in a day involves material cost＊米 |  |
| ＊ |  |  |
| ＊ | $\mathbf{2 5 0 , 0 0 0} \mathrm{ID}$ ，labor cost $200,000 \mathrm{ID}$ ，and factory expense 225，000 ID，＊＊ |  |
| 米 | assuming a profit of $\mathbf{1 0 \%}$ of the total cost and distribution cost $\mathbf{3 0 \%}$ of＊ |  |
| ＊ | the direct cost，calculate the selling price of each bulb． | 米 |
| ＊ |  | ＊ |
| ＊ | Ans： | 米 |
| ＊ | Prime cost $=$ material cost＋labors cost | 米 |
| ＊ | $=250,000+200,000=450,000 \mathrm{ID}$ | 米 |
| ＊ |  | 米 |
| ＊ | Direct cost＝prime cost + factory expense | ＊ |
| ＊ | $=450,000+225,000=675,000 \mathrm{ID}$ | 米 |
| ＊ |  | 米 |
| ＊ | Indirect cost $=$ distribution cost $=\frac{30}{100} \times 675,000=202,500 \mathrm{ID}$ | ＊ |
| ＊ |  | 米 |
| ＊ |  | ＊ |
| ＊ | Total cost $=$ direct cost + indirect cost | 米 |
| ＊ | $=675,000+202,500=877,500 \mathrm{ID}$ | 米 |
| ＊ |  | 米 |
| ＊ |  | ＊ |
| ＊ | Profit $=\frac{10}{100} \times$ total cost $=\frac{10}{100} \times 877,500=87,750 \mathrm{ID}$ | ＊ |
| ＊ |  | ＊ |
| 米 | Selling price $=$ total cost + profit | 米 |
| ＊ | Selling price $=$ total cost + pront | 米 |
| ＊ | $=877,500+87,500=965,250 \mathrm{ID}$ | 米 |
| ＊ |  | ＊ |
| ＊ | $\therefore$ The selling price of each bulb $=\frac{965,250}{300}=3.2175$ ID | ＊ |
| ＊ |  | 米 |
| ＊ |  | 米 |
| ＊ |  | 米 |
| 米 |  | ＊ |
| ＊ | 6 | 米 |

米米米米米米米米米米米米米米米米米米米



