**Markups Practice KEY**

Calculate the following information where needed:

1. You purchase one dozen desks at $118.00 each. You intend to retail them for $279.99 each. Calculate the $MU and the MU%. What is the total purchase amount? If you were to sell all the desks, what is the dollar amount of total profit that you would make?

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| $MU | $ | 161.99 | | | |  |
| MU% |  |  | | | 58% |  |
| Total purchase | $ | 1,416.00 | | | | |
|  Total amount of profit | | | $ | 1,943.88 | | | |

2.Ice Cream Sundaes retail for $3.99 each. Each one costs you $.92 to make. Find the $MU and the

MU%:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | $MU: | $3.07 | |  |
|  | MU%: |  | 77% | |

1. You purchase two dozen tires to sell in your store. You plan to markup each tire by **67%.** Calculate the following to determine the retail price of each stock model of tire:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| QUANTITY | STOCK # | UNITS | COST | $MU | | | RETAIL PRICE | |
| 4 | SSRvTS1 | ea. | $75.00 | $302.27 | |  | $227.27 |  |
|  |  |  |  |  | |  |  |  |
| 3 | TTSRvr5 | ea. | $38.00 | 77.15 |  |  | 115.27 |  |
|  |  |  |  |  | |  |  |  |
| 4 | YNUSV3 | ea. | $41.55 | 84.36 |  |  | 125.91 |  |
|  |  |  |  |  | |  |  |  |
| 2 | HMq45t | ea. | $92.90 | 188.62 | |  | 281.52 |  |
|  |  |  |  |  | |  |  |  |
| 3 | SKX45v1 | ea. | $122.90 | 249.52 | |  | 372.42 |  |
|  |  |  |  |  | |  |  |  |
| 4 | LMX50-V | ea. | $151.60 | 307.79 | |  | 459.39 |  |
|  |  |  |  |  | |  |  |  |
| 4 | MRSv55a | ea. | $99.05 | 201.10 | |  | 300.15 |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4. Calculate the following: | | | | | | | | | |  | | | | | | | | | | | | | | | |  |  |  | | |
| Socks: | | $1.28 at cost. | | | | | | | | | | | | | | | | | | | | | | | MU% = 71% | | | | |
|  | |  | | | | RP | | | $ 4.41 | | | | | | | |  | | | | | | | |  | | | | |
|  | |  | | | | $MU | | | $ 3.13 | | | | | | | |  | | | | | | | |  | | | | |
|  | Towels: | | | | | |  | | | $4.08 at cost. | | | | | | | | | | | | | | | | | | MU% = 38% | | |
|  |  | | | | | |  | | | RP | | | | | | | | | | | | | | | | $ 6.58 |  |  | | |
|  |  | | | |  | | $MU | | | $ 2.50 | | | | | | | |  | |  |  |  |  |  |  |  | | | | |  |
|  | Shelves: | | | | $13.19 at cost. | | | | | | | | | |  |  |  |  | |  |  |  |  |  |  | MU% = 42% | | | | |  |
|  |  | | | |  | | RP | | | $22.74 | | | | | | | |  | |  |  |  |  |  |  |  | | | | |  |
|  |  | | | |  | | $MU | | | $ 9.55 | | | | | | | |  | |  |  |  |  |  |  |  | | | | |  |
|  | Chairs: | | | | $51.88 at cost. | | | | | | | | | |  |  |  |  | |  |  |  |  |  |  | MU% = 72% | | | | |  |
|  |  | | | |  | | RP | | | $185.29 | | | | | | | | | |  |  |  |  |  |  |  | | | | |  |
|  |  | | | |  | | $MU | | | $133.41 | | | | | | | | | | |  |  |  |  |  |  | | | | |  |
|  | Shovels: | | | | $13.55 at cost. | | | | | | | | | |  |  |  |  | |  |  |  |  |  |  | MU% = 35% | | | | |  |
|  |  | | | |  | | RP | | |  | | $ 20.85 | | | | | | | |  |  |  |  |  |  |  | | | | |  |
|  |  | | | |  | |  | | |  | | | |  |  |  |  | | |  |  |  |  |  |  |  | | | | |  |
|  |  | | | | $MU | | |  | | | $ | | 7.30 | | | | |  |  |  |  |  |  |  | | | | |  |
|  | Hats: | | | | $115.05 at cost. | | | | | | | | | | | | | | | | | | | | | MU% = 29% | | | | |  |
|  |  | | | |  | | RP | | |  | | $162.04 | | | | | | | | | | |  |  |  |  | | | | |  |
|  |  | | | |  | | $MU | | |  | |  |  |  | 46.99 | | | | | | |  |  |  |  |  | | | | |  |
|  | Shorts: | | | | $8.45 at cost. | | | | | | | | | |  |  |  |  | |  |  |  |  |  |  | MU% = 31% | | | | |  |
|  |  | | | |  | | RP | | |  | | | | $ 12.25 | | | | | | | | | |  |  |  | | | | |  |
|  |  | | | |  | | $MU | | |  | | | | $ | 3.80 | | | | | | | | |  |  |  | | | | |  |
|  | Suitcase: | | | | $16.45 at cost. | | | | | | | | | |  |  |  |  | |  |  |  |  |  |  | MU% = 39% | | | | |  |
|  |  | | | |  | | RP | | |  | | | | $ 26.97 | | | | | | | | | |  |  |  | | | | |  |
|  |  | | | |  | | $MU | | |  | |  |  |  |  | 10.52 | | | | | | | |  |  |  | | | | |  |
|  | Books: | | | | $1.45 at cost. | | | | | | | | | |  |  |  |  | |  |  |  |  |  |  | MU% = 28% | | | | |  |
|  |  | | | |  | | RP | | |  | | | | $ | 2.01 | | | | | | | | | | |  | | | | |  |
|  |  | | | |  | | $MU | | |  | |  |  |  |  | | .56 | | | | | | | |  |  | | | | |  |
|  | Boots: | | | | $52.00 at cost. | | | | | | | | | |  |  |  |  | |  |  |  |  |  |  | MU% = 34% | | | | |  |
|  |  | | | | |  | RP | | |  | | | | $ 78.79 | | | | | | | | | |  |  |  | | | | |  |
|  |  | | | | |  | $MU | | |  | |  |  |  |  | 26.79 | | | | | | | |  |  |  | | | | |  |

Complete the chart:

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RETAIL PRICE | | | COST | | | | | $MU | | | | MU% | |  |
|  |  |  |  |  |  |  |  |  | |  |  |  |  |  |
| $6.45 |  |  | $2.18 | |  |  |  | $4.27 |  |  |  | 66% |  |  |
|  | |  |  |  |  |  |  |  | |  |  |  | |  |
| $24.78 |  |  | $19.33 | | |  |  | $5.45 |  |  |  | 22% | |  |
|  | |  |  |  |  | |  |  | |  |  |  | |  |
| $169.95 | | | $107.29 | | |  |  | $62.66 | | |  | 37% |  |  |
|  | |  |  |  |  | | |  | |  |  |  | |  |
| $11,555.09 | | | $8,355.09 | | | |  | $3,200 | |  |  | 28% |  |  |
|  | |  |  | |  |  |  |  | |  |  |  | |  |
| $19.95 | |  | $6.78 |  |  |  |  | $13.17 | |  |  | 66% | |  |
|  | |  |  | |  | |  |  | | |  |  | |  |
| $199.99 | | | $109.99 | | |  |  | $90.00 | |  |  | 45% | |  |
|  | |  |  | |  | |  |  | | | |  | |  |
| $799.99 | | | $400.00 | | | |  | $399.99 | | |  | 50% |  | (49.9%) |
| $40.00 |  |  | $15.50 | | |  |  | $24.50 | | |  | 61% |  |  |
|  | | |  | |  | |  |  | | | |  | |  |
| $992.31 | |  | $645.00 | | | |  | $347.31 | | |  | 35% | |  |
|  | |  |  | | |  |  |  | | |  |  | |  |
| $49.95 | |  | $34.29 | |  |  |  | $15.66 | | |  | 31% |  |  |