**Math: Discounts Part 1 Answer Key**

**Worksheet**

Calculate the Seasonal Discounts Below

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  |
| ITEM | AMOUNT OF |  | SEASONAL |  | AMOUNT OF |  | NET COST TO |  |
|  | PURCHASE |  | DISCOUNT |  | DISCOUNT |  | BUSINESS |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Lawn mowers | $980.00 |  | 15% |  | $147.00 |  |  | $ 833.00 |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| Halloween | $327.00 |  | 5% |  | $ 16.35 |  |  | $ 310.65 |  |  |  |
| costumes |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| Christmas | $489.00 |  | 20% |  | $ 97.80 |  |  | $ 391.20 |  |  |  |
| Decorations |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| Water skis | $1757.00 |  | 10% |  | $175.70 |  |  | $ 1581.30 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |

Calculate the Percent of Discount and the Total Due if the Following Promotional Discounts are Taken:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ITEM | AMOUNT OF | PROMOTIONAL |  | NET COST TO | DISCOUNT % |
|  | PURCHASE | DISCOUNT |  | BUSINESS |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| Motorcycles | $ 2750.00 | $220.00 |  | $2530.00 |  |  |  |  | 8% |  |
|  |  |  |  |  |  |  |
| Ski boots | $ 1200.00 | $120.00 |  | $1080.00 |  |  |  | 10% |  |
|  |  |  |  |  |  |
| Snow boots | $ 1750.00 | $ 87.50 |  | $1662.50 |  |  |  | 5% |  |
|  |  |  |  |  |  |
| Sail boats | $ 7560.00 | $113.40 |  | $7446.60 |  |  | 1½% |  |
|  |  |  |  |  |  |  |  |  |  |  |

Calculate the Quantity and/or Cumulative Quantity Discounts:

(Refer to the chart to view purchase requirements for discount)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | 3% |  |  | 5% |  |  |  | 7% |  |  | 9% |  |  | 12% |  |  |  | 14% |  |  | 17% |  |  | 20% |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 1-10 |  |  | 21-35 |  | 36-45 |  | 46-55 |  |  | 56-70 |  |  | 71-80 | 81-90 |  | 91-100 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | ITEM |  |  | QUANTITY |  |  |  | AMOUNT OF |  | DISCOUNT |  |  |  | NET COST TO |  |  |
|  |  |  |  |  |  |  | PURCHASED |  |  |  | PURCHASE |  | ALLOWED |  |  |  | BUSINESS |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Tennis shoes |  |  | 38 pr. |  |  |  | $42.00 pr. |  |  | $ | 111.72 |  |  |  | $1484.28 |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Athletic socks |  | 89 pr. |  |  |  | $.37 pr. |  |  | $ | 5.60 |  |  |  |  | $ | 27.33 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Backpacks |  |  | 95 |  |  |  | $2.60 ea. |  |  | $ | 49.40 |  |  |  |  | $ | 197.60 |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |