Barter

A and B barter A hath 145 gallons of brandy at 1 dol 20 cts per gallon ready money but in barter he will have 1 dol 33 cts per gallon B has linen at 58 cts per yd ready money how must B sell his linen per yard in proportion to A's bartering price & how many yards are equal to A's brandy

1 :: 1"20 :: 145 — 174"00
1 :: 1"33 :: 145 — 193"75
58 :: 1 :: 174"00 — 300 yds
300 :: 193"75 :: 1 — 65"25

A has 225 yds of shaloon at 2s ready money per yard which he barters with B at 2s 3d per yd taking indigo at 12s 6d per lb which is worth but 10s how much indigo will pay for the shalloon & who gets the best bargain

1 :: 2 :: 225 — 22"10 — 21"15 — 0"15 Ans
1 :: 2"3 :: 225 — 25"3"9
12"6 :: 1 :: 25"3"9 — 43½
1 :: 10 :: 43½ — 21"15

Loss And Gain

Is a rule by which merchants & traders discover their profit or loss in buying & selling their goods it also instructs them how to rise or fall in the price of their goods so as to gain or lose so much per cent or otherwise Questions in this rule are answered by the Rule of Three

Examples

Bought 12½ cwt of rise at 3 dols 45 cts a cwt & sold it again at 4 cts a pound what was the whole gain

1 :: 4 :: 12"2 — 56"00 — 43"12"5 — 12"87"5
1 :: 3"45 :: 12"2"0 — 43"12"5

Loss And Gain

Bought 11 cwt of sugar at 6 s 2 d per lb but could not sell it again for any more than 2£ 16s per cwt did I gain or loose by the bargain

1 :: 2"16 :: 11 — 30"16
1 :: 6"2 :: 11 — 33"7"4 — 30"16"0 — 2"11"4 Ans

Bought a hogshead of melasses containing 119 gallons at 52 cts per gallon paid for carting the same 1 dollar 25 cts & by accident 9 gallons leaked out at what rate must I sell the remainder per gallon to gain 13 dollars in the whole

1 :: 52 :: 119 — 61"88 — 1"25 — 63"13 — 13 — 76"13 — 69"2

To know what is gained or lost per cent

Rule

First see what the gaine or loss is by subtraction then as the price or cost is to the gain or loss so is 100£ or 100$ to the gain or loss per cent

Examples

Bought sugar at 8½d per lb & sold it again at 4£ 17s per cwt what did I gain per cent

1 :: 8"1 :: 112 — 3"17 — 4"17 — 1"0
3"17 :: 1 :: 100 — 25£ — 19s — 5d

If I buy 12 hhds of wine for 204£ & sell the same again at 14£ 17s 6d per hhd do I gain or lose & what per cent

12 :: 204 :: 1 — 17
17 :: 2"2"6 :: 100 — 12£ 5s