

## AVOIRDUPOIS WEIGHT.

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Pounds troy multiplied by 12, are ounces—Ounces multiplied by 20, are penny-weights—Penny-weights multiplied by 24 are grains.

Grains divided by 24, are penny-weights—Penny-weights divided by 20 are ounces—Ounces divided by 12 are pounds Troy.

This weight was formerly used for weighing articles of every kind : it is now used in weighing gold, silver, jewels, and liquors ; and philosophical experiments.

It is also employed by apothecaries in mixing their medicines, though they buy and sell them by avoirdupoise weight. When troy weight is thus used, it is called APOTHECARIES' WEIGHT ; but in this case the ounce ( $\zeta$ ) is divided into 8 *drams*, ( $\mathfrak{z}$ ) the dram into 3 *scruples*, ( $\mathfrak{s}$ ) and the scruple into 20 *grains*, (gr.)

## AVOIRDUPOIS WEIGHT.

$16\frac{2}{3}$  drams=1 ounce ; 16 ounces=1 pound ; 14 pounds=stone ; 28 pounds, 1 quarter of a hundred=4 quarters, or 8 stone=1 hundred weight ; 20 hundreds=1 ton.

Tons multiplied by 20 are hundreds—Hundreds multiplied by 8 are stones ; stones multiplied by 14 are pounds—pounds multiplied by 16 are ounces—Ounces multiplied by 16 are drams,

Drams divided by 16 are ounces—ounces divided by 16 are pounds—pounds divided by 14 are stones—stones divided by 8 are hundreds—hundreds divided by 20 are tons.

By the above division, all goods subject to waste are weighed.—According to the late act, the pound wt. is to contain 7000 grains troy weight ; then the proportion is as 5760 grains troy weight is to 7000 grains avoirdupoise weight.