

Systèmes unitaires anglais et français

Tableau de conversion

422

ENGLISH IMPERIAL WEIGHTS.

The grain is the same in Troy, Apothecaries, and Avoirdupois weights.

AVOIRDUPOIS WEIGHT.

| | |
|--|----------------------------|
| | Equivalent in Troy grains. |
| 1 dram | 27.34375 |
| 16 = 1 ounce | 437.5 |
| 256 = 16 = 1 pound | 7000 |
| 3584 = 224 = 14 = 1 stone | 98000 |
| 28672 = 1792 = 112 = 8 = 1 cwt. | 784000 |
| 473440 = 35840 = 2240 = 160 = 20 = 1 ton | 15680000 |

TROY WEIGHT.

| | |
|----------------------------|--|
| 1 grain. | |
| 24 = 1 pennyweight. | |
| 480 = 20 = 1 ounce. | |
| 5760 = 240 = 12 = 1 pound. | |

APOTHECARIES WEIGHT.

| | |
|--------------------------------|----------|
| | Symbols. |
| 1 grain | gr. |
| 20 = 1 scruple | ʒ |
| 60 = 3 = 1 drachm | ʒ |
| 480 = 24 = 8 = 1 ounce | ʒ |
| 5760 = 288 = 96 = 12 = 1 pound | lb |

Observe: 437.5 grains are considered equal to 1 ounce of nitrate of silver; that salt being sold according to the Dublin weights, in which the scruple is only equal to 18.22 grains, and the ounce equal in weight to a fluid ounce of distilled water at 62° Faht.

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FRENCH WEIGHTS.

| | | Troy Weight. | | | |
|---------------|--------------------|--------------|------|-------|---------|
| | | Lbs. | Ozs. | Drms. | Grains. |
| Millegramme = | Troy Grains. .0154 | | | | |
| Centigramme = | .1543 | | | | 1.5 |
| Decigramme = | 1.543 | | | | 15.4 |
| GRAMME = | 15.432 | | | | 34 |
| Decagramme = | 154.323 | | | 2 | 43 |
| Hectogramme = | 1543.234 | | 3 | 1 | 12 |
| Kilogramme = | 15432.348 | 2 | 8 | 1 | 3 |
| Myriagramme = | 154323.488 | 26 | 9 | 4 | |

FRENCH MEASURE OF LENGTH.

| | | English. | | | | |
|--------------|------------------------|----------|-----------|--------|-------|---------|
| | | Miles. | Furlongs. | Yards. | Feet. | Inches. |
| Millimètre = | English Inches. .03937 | | | | | |
| Centimètre = | .39371 | | | | | |
| Decimètre = | 3.93708 | | | | | |
| MÈTRE = | 39.37079 | | | 1 | 0 | 3.7 |
| Decamètre = | 393.70790 | | | 10 | 2 | 9.7 |
| Hectomètre = | 3937.079 | | | 109 | 1 | 1 |
| Kilomètre = | 39370.79 | | 4 | 213 | 1 | 10 |
| Myriamètre = | 393707.9 | 6 | 1 | 156 | 0 | 0 |

The Mètre is the length of a second's pendulum at Paris.
The Kilomètre is rather more than half a mile.

FRENCH MEASURE OF CAPACITY.

| | | English | | | | |
|--------------|-----------------------------|----------|--------|------------|-------|---------|
| | | Gallons. | Pints. | Fluid Ozs. | Drms. | Minims. |
| Millitre = | English Cubic Inches. .0610 | | | | | 16.9 |
| Centilitre = | .6103 | | | | 2 | 50 |
| Decilitre = | 6.1027 | | | 3 | 4 | 13 |
| LITRE = | 61.027 | | 1 | 15 | 2 | 11 |
| Decalitre = | 610.27 | 2 | 1 | 12 | 5 | 51 |
| Hectolitre = | 6102.7 | 22 | 0 | 7 | 3 | 8 |
| Kilolitre = | 61027 | 220 | 3 | 13 | 7 | 30 |
| Myrialitre = | 610270 | 2204 | 4 | 10 | 3 | |

The French Litre is not quite an English Quart.