

## WEIGHTS AND MEASURES.

### MEASURE OF LENGTH.

12 Inches	make 1 Foot
3 Feet	" 1 Yard
5½ Yards	" 1 Rod or Pole
40 Poles	" 1 Furlong
8 Furlongs	" 1 Mile
69 Miles	" 1 Degree

A Nail	is equal to 2¼ Inches
Ell	" 5 Quarters
Hand	" 4 Inches, of horses
Fathom	" 6 Feet

An English mile is 5,280 feet.

A Scotch mile contains 1,500 paces.

The German mile is rather more than 4½ English miles.

A sea mile is 6,078 feet.

A sea league is 3·4536 miles, or the 20th of a degree. A league is 3 sea miles.

A great league in France is 3,000 paces, and a mean league 2,500.

A Russian verst is 3,508 English feet, or about two-thirds of a mile.

A Scotch ell is 37½ inches.

The Irish acre is 7,840 square yards.

A hide of land was one plough's work.

A hair's breadth is the 48th of an inch.

A geometrical pace is 4·4 feet English.

### MEASURE OF SURFACE.

144 Sq. Inches	is equal to 1 Sq. Foot
9 Sq. Feet	" 1 Sq. Yard
30¼ Sq. Yards	" 1 Perch or Rod
40 Perches	" 1 Rood
4 Roods	" 1 Acre
540 Acres	" 1 Sq. Mile

### MEASURES OF CAPACITY.

4 Gills	make 1 Pint
2 Pints	" 1 Quart
4 Quarts	" 1 Gallon
2 Gallons	" 1 Peck
8 Gallons	" 1 Bushel
8 Bushels	" 1 Quarter
5 Quarters	" 1 Load

The four last are used for dry goods only. For Beer, the Firkin of 9 Gallons, the Kilderkin of 18, the Barrel of 36, the Hogshead of 54, and the Butt of 108 Gallons.

### MEASURE OF WEIGHT.

#### *Avoirdupois Weight.*

27½ Grains	make 1 Dram	equal 27½ gr.
16 Drams	" 1 Ounce	" 437½
16 Ounces	" 1 Pound (lb.)	" 7000
28 Pounds	" 1 Quarter (qr.)	
4 Quarters	" 1 Hundredweight (cwt.)	
20 Cwt.	" 1 Ton	

This weight is used in trade and commerce.

#### *Wool Trade.*

	Cwt.	qr.	lb.
14 Pounds	make 1 Stone	equal to	0 0 14
2 Stone	" 1 Tod	"	0 1 0
6½ Tod	" 1 Wey	"	1 2 14
2 Weys	" 1 Sack	"	3 1 0
12 Sacks	" 1 Last	"	39 0 0

#### *Troy Weight.*

24 Grains	make 1 Pennywt.	equal 24 gr.
20 Pennywts.	" 1 Ounce	" 480
12 Ounces	" 1 Pound	" 5760

The above are for weighing gold, silver, and precious stones (except diamonds), and used by apothecaries in compounding medicines, and by them the ounce is divided into 8 drams, and the dram into 3 scruples, so that the scruple is equal to 20 grains.

### MEASURE OF TIME.

60 Seconds	make 1 Minute
60 Minutes	" 1 Hour
24 Hours	" 1 Day
7 Days	" 1 Week
28 Days	" 1 Lunar Mth.
28, 29, 30, or 31 Days	" 1 Cal. month
12 Calendar Months	" 1 Year
365 Days	" 1 Common Yr.
366 Days	" 1 Leap Year

In 400 Years, 97 are leap years, and 303 common.

### WEIGHT OF ENGLISH COINS.

	dwt.	gr.
<i>Gold.</i> —Sovereign . . .	5	3¼
Half Sovereign . . .	2	13½
Double Sovereign . . .	10	6½
<i>Silver.</i> —Crown . . .	18	4
Half Crown . . .	9	2
Shilling . . .	3	15
Sixpence . . .	1	19
Fourpence . . .	1	5