

ARITHMETICAL TABLES.

9

The square of any number is obtained by multiplying it by itself. 12 multiplied by 12 = 144, the square of 12.

CUBIC OR SOLID MEASURE.

1728 cubic inches	= 1 cubic foot.
27 cubic feet	= 1 cubic yard.
40 cubic feet of rough timber, or	} = 1 ton, or load.
50 cubic feet of hewn timber	
42 cubic feet	= 1 ton of shipping.
128 cubic feet	= 1 cord of wood.*

Cubes are solid figures, similar to dice, and have six equal sides.

The cube of any number is obtained by multiplying it twice by itself; thus, $12 \times 12 \times 12 = 1728$, the cube of 12.

MEASURE OF CAPACITY.

		marked
4 gills	= 1 pint.	<i>pt.</i>
2 pints	= 1 quart.	<i>qt.</i>
4 quarts	= 1 gallon.	<i>gal.</i>
2 gallons	= 1 peck.	<i>pk.</i>
4 pecks	= 1 bushel.	<i>bush.</i>
8 bushels	= 1 chaldron.	<i>chald.</i>

The gill, pint, quart, and gallon are used for liquids. The peck and bushel are used for potatoes, oats, salt, &c. The chaldron is only used for coal. The gallon contains 277.274 cubic inches.

TIME.

		marked
60 seconds (")	= 1 minute.	<i>min.</i>
60 minutes	= 1 hour.	<i>hr.</i>
24 hours	= 1 day.	<i>da.</i>
7 days	= 1 week.	<i>wk.</i>
12 months, or	} = 1 year.	<i>yr.</i>
52 weeks and 1 day, or		
365 days		

Every fourth year contains 366 days, and is called leap-year.

* The legal cord in this Province is $8 \times 4 \times 4\frac{1}{2}$ feet, or 138 $\frac{1}{2}$ cubic feet.