

## MEASURES OF LENGTH.

Metric Denominations and Values.			Equivalents in Denominations in Use.
Myriameter,	10,000	meters,	6.2137 miles.
Kilometer,	1,000	"	0.62137 miles.
Hectometer,	100	"	3.8 ft 1 in.
Dekameter,	10	"	39.37 ins.
Meter,	1	"	39.37 "
Decimeter,	.1	"	3.937 "
Centimeter,	.01	"	.3937 "
Millimeter,	.001	"	.03937 "

## MEASURES OF SURFACE.

Metric Denominations and Values.			Equivalents in Denominations in Use.
Hectare,	10,000 sq. meters,		2.471 acres.
Are,	100 " "		119.6 sq. yards.
Centare,	1 " "		1550. sq. ins..

## MEASURES OF CAPACITY.

Metric Denominations and Values.			Equivalents in Denominations in use.	
Names.	No. of Liters.	Cubic Measures.	Dry Measure.	Liquid or Wine Measure.
Kiloliter or stere,	1,000	1 cu. meter.	1.308 cu. yds.	264.17 gals.
Hectoliter,	100	.1 " "	2 bush. 3.35 pks.	26.417 "
Dekaliter,	10	10 cu. decimeters.	9.08 qts.	2.6417 "
Liter,	1	1 cu. decimeter.	.908 qt.	1.0567 qts.
Deciliter,	.1	.1 cu. "	6.1022 cu. in.	.845 gill.
Centiliter,	.01	10 cu. centimeters	.6102 " "	.338 fl. oz.
Milliliter,	.001	.1 cu. "	.061 " "	.27 fl. dram.

## WEIGHTS.

Metric Denominations and Values.			Equivalents in Denominations in use.
Names.	No. of Grams.	Weight of what quantity of Water at Maximum Density.	Avoirdupois Weight.
Millier or Tonneau,	1,000,000	1 cubic meter.	2204.6 lbs.
Quintal,	100,000	1 hectoliter.	220.46 "
Myriagram,	10,000	1 dekaliter.	22.046 "
Kilogram or Kilo.,	1,000	1 liter.	2.2046 "
Hectogram,	100	1 deciliter.	3.5274 oz.
Dekagram,	10	10 cubic centimeters.	.3527 "
Gram,	1	1 cubic "	15.432 gr.
Decigram,	.1	.1 cubic "	1.5432 "
Centigram,	.01	10 cubic millimeters.	.1543 "
Milligram,	.001	1 cubic "	.0154 "

## COMMON WEIGHTS AND MEASURES, WITH THEIR METRIC EQUIVALENTS.

The following are some of the measures in common use, with their equivalents in the measures of the Metric System :

Common Measures.	Equivalents.	Common Measures.	Equivalents.
An inch,	2.54 centimeters.	A cubic yard,	.7646 cu. meter.
A foot,	.3048 meter.	A cord,	3.624 steres.
A yard,	.9144 "	A liquid quart,	.9465 liter.
A rod,	5.029 "	A gallon,	3.786 liters.
A mile,	1.6093 kilometers.	A dry quart,	1.101 "
A square inch,	6.452 sq. centimeters.	A peck,	8.811 "
A square foot,	.0929 sq. meters.	A bushel,	35.24 "
A square yard,	.8361 " "	An ounce avoirdup.	28.35 grams.
A square rod,	25.29 " "	A pound "	.4536 kilogram.
An acre,	.4047 hectare.	A ton,	.9072 millier.
A square mile,	259 hectares.	A grain Troy,	.0648 gram.
A cubic inch,	16.39 cu. centimeters.	An ounce "	31.104 "
A cubic foot,	.02832 cu. meter.	A pound "	.3732 kilogram.

To MEET SUCH CASES as those in Peterboro, referred to in our commercial summary, it is asked, Why do not the wholesale men in the different trades form associations agreeing that in case it should become necessary to sue a man they should all unite and agree to share equally? Make it a condition that the retailer to obtain credit should furnish the names of all his creditors, who could be communicated with and asked to agree to the equal terms. If the retailer violate the condition, or if one of the creditors do not agree to the equal terms, then the rest can at once take united action to protect themselves, and thus obtain at the same time the equal distribution of assets and the speedy action of a writ of execution. An association such as that suggested has been in existence among the wholesale boot and shoe and clothing houses of this city for some two years past, with, we believe, checkered results. Such associations, however, lack cohesiveness among us. Efforts in former years to form such Exchanges among other trades were not successful.

## ROYAL CANADIAN INSURANCE COMPANY.

The annual meeting of shareholders of the Royal Canadian Insurance Company was held at the head office of the company, this city, the 3rd inst., the president, Mr. Andrew Robertson, in the chair. Among the shareholders present were Hon. J. R. Thibault, Hon. P. Mitchell, and Messrs. Jno. Ostell, Wm. O'Brien, F. E. Gilman, C. F. Sise, G. H. Dumesnil, J. S. Shearer, Jonathan Hodgson, Jos. Daigle, B. J. Coghlin, Wm. Tait, R. Archer, Hugh MacKay, Robt. Brown, F. B. Matthews, Jas. Stewart, A. St. Denis, Dr. Raymond, L. Monat, R. Dugal, W. V. B. Hall, M. Vincent, James Shearer, M. S. Foley, J. K. Ward, D. McCarthy, James Davison, Henry Stewart, F. A. McRae, O. H. Letourneau, Geo. R. Robertson, James Close, Jas. Strachan, and P. P. Martin. Mr. Arthur Gagnon acted as secretary of the meeting. The minutes of the last annual meeting were read and confirmed. The report for the year ending the 31st December, 1880, was next read, as follows:—

The Directors have the pleasure to present the eighth annual report of the Company for the year ending on the 31st day of December, 1880, together with a summary of the transactions for the year, a statement of the assets and liabilities, and the auditor's report thereon:—

## REVENUE.

Fire and marine premiums.....	\$308,941 93
Interest account.....	14,076 62
	\$323,018 55

## EXPENDITURE.

Losses, fire and marine, including an appropriation for all claims to 31st December.....	\$154,163 27
Reassurances and return premiums.....	55,057 38
Expense of conducting the business, including commissions, &c.....	62,920 77
	\$272,141 42
Leaving a profit balance of.....	50,877 13
	\$323,018 55

## ASSETS.

Cash on hand and in bank to current account.....	\$29,694 23
Cash deposited in banks at interest.....	172,200 54
Montreal Harbor bonds.....	61,000 00
Montreal Warehousing bonds.....	18,250 00
United States bonds.....	17,500 00
Canada Central Railroad bonds....	92,754 66
Mortgages and real estate.....	39,919 00
Bills receivable—marine premiums.	42,468 63
Due from other companies for re-insurance.....	19,586 77
Premiums in course of collection..	16,817 05
Agents' balances and sundry debtors.....	9,057 86
	\$513,838 74