

MANUAL AND FIELD-BOOK.

The dimensions of the boundaries of land, however, are usually ascertained and described by the standard of measurement called "Gunter's chain." A chain, which is subdivided into 100 links of 7.92 inches each, is 66 feet in length. The following are the equivalents:—8,000 links = 80 chains = 1 mile.

MEASUREMENT OF AREAS.

In the measure of a superficies the yard is subdivided, as in lineal measure, into feet and inches, 144 square inches being equal to a square foot. For the measurement of large quantities of land the multiples of the yard are the pole, the rood, and the acre; and still larger surfaces, as of whole countries or territories, are expressed in square miles. The rood and the pole being almost obsolete on this side of the Atlantic, less quantities than an acre are generally expressed in decimals. The following are

the relations of square measure:—27,878,400 sq. ft. = 3,097,600 sq. yds. = 640 acres = 1 sq. mile.

EXPLANATION OF ROMAN FIGURES.

The numbers of ranges, townships, and sections being usually marked on the surveyors' monuments in Roman letters, the following table is given for the benefit of Prospectors, so that they may readily understand how any particular number would respectively be represented in ordinary numerals:—

1 I	11 XI	21 XXI	31 XXXI
2 II	12 XII	22 XXII	32 XXXII
3 III	13 XIII	23 XXIII	33 XXXIII
4 IV	14 XIV	24 XXIV	34 XXXIV
5 V	15 XV	25 XXV	35 XXXV
6 VI	16 XVI	26 XXVI	36 XXXVI
7 VII	17 XVII	27 XXVII	37 XXXVII
8 VIII	18 XVIII	28 XXVIII	38 XXXVIII
9 IX	19 XIX	29 XXIX	39 XXXIX
10 X	20 XX	30 XXX	40 XL

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