a jointed fishing rod, and supposing the cane, or a length of the rod, is just three feet, set it in the ground vertically, and if the sun shines, it will cast a man of the cane, or a length of the rod of the sun did find it, say two feet. Here then we have a right angle of two feet and three feet. Now measure from the base of the tree to the end of its shadow, and we will suppose it to be twenty did in the sun of the sun of

method here given represents the sunplest and quickest way to measure
heights, though the results are not absolutely correct.

Pirst make a may at feet come the
ground, or place a pole six feet of the
ground, or place a pole six feet of the
against it. Then walk away to such a
distance that the breadth of the hand,
held out at full arm's length, will just
cover the six feet. Mark with the eye
a point on the tree at the upper end of
the six feet. Mark with the eye
a point on the tree at the upper end of
the six feet. Mark with the eye
a point on the tree at the upper end of
the six feet. Mark with the six feet
wards and another breach
for an assistant to stand at the foot of
the tree, and if with his hat on he will
be six feet high, he may serve as a meaties well to stand at some district.

It will be six feet high, he may serve as a meaties well to stand at some district.

It will be six feet high, he may serve as a meaties well to stand at some district.

It will be six feet high, he may serve as a meaties well to stand at some district.

The six feet high, he may serve as a not not
the tree in making these measurements
or otherwise the upper measured portions will be larger than the lower on
account of the "longer legs." of the
timeginary triangle. If the distance he
to the six feet high given on the hand,
one or two flagers only my the head
on on two flagers only my the head
on on two flagers only my did
a short pocket rule. Or if the pocket
rule be used, its separate subdivisiontion inches may be made to indicate
the portions measured, and the whole
ompleted at one measurement.

of lakes or other precipies, or the descent of a waterfall, have been singulary misjudged for the want of some
such means of measurement as those
describes a lawer of a lake
feetees in winter, the lee forms an exfeet of any of its shower of hashauerement

## COIN SUBSTITUTES.

Norway even now uses corn for coin.
The skins of animals were the earliest forms of money
In India cakes of tes pass as currency,
and in China pieces of silk.

Sheep and oxen among the old Romans took the place of money.

Oxen form the circulating medium mans took the place of money.

Oxen form the circulating medium was a constructed of the construction of the co

Montesquieu as being found in certain parts of Africa. It is an ideal money, called "maconte," but is purely a sign of value without a unit.

### APHORISMS.

APHORISMS.

He surely is most in want of another's patience who has none of his own.

Lavater.

Our desires always increase with our possessions. The knowledge that some-thing remains yet unenjoyed impairs our enjoyment of the good before us.— Johnson.

## QUEER TRADES IN PARIS.

## RIM AND MORTISE.

# LOCKS LATCHES

Escutcheons, Door Knobs, &c.

