Badische Landesbibliothek Karlsruhe

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The young man's book of amusement

Halifax, 1848

Two Dice being thrown, to find the Number of Points on each Die, without seeing them

bers; but, in order to succeed, you must divide the number to be attained, by a number which is a unit greater than what you can stake each time: and the remainder will then be the number you must first stake. Suppose, for example, the number to be attained is 52, (making use of a pack of cards instead of counters,) and that you are never to add more than six; then dividing 52 by 7, the remainder which is 3, will be the number you must stake first; and whatever the other stakes, you must add as much to it as will make it equal to 7, the number by which you divided; and so on.

Two Dice being thrown, to find the Number of Points on each Die, without seeing them.

After any person has thrown two dice, upon a table, bid him double the number of points on one of them, and add 5 to it; then let him multiply this sum by 5, and add the number of points on the other die to it. This being done, desire him to tell you the sum, and having thrown out of it 25, the remainder will be a number consisting of two figures, the first of which, to the left, is the number of points on the first die, and the second figure, to the right, the number on the other.

Suppose, for example, that the number of points of the first die which comes up, is 2, and that of the other 3; then if to 4, the double of the points of the first, there be added 5, and the sum which is 9, be

multiplied by 5, the product will be 45 ; to which if
we add 3, the number of the points on the other die,
it will make 48. Then if 25 be thrown out of this
number, the remainder is 23 ; the first figure of which
2, is the number of points of the first die, and the se-
cond figure, 3, the number of the other.

Varnish for Silk, which renders it impervious to Water or Air.

Take of linseed oil, and add to it for every pint
two ounces of sugar of lead, and three ounces of
litharge ; boil until these ingredients are dissolved.
Then, to a half pint of the drying oil, (as we will
now consider it,) add a pound of bird-lime, and in an
iron pot of a gallon measure, let it boil gently over a
slow charcoal fire, until the bird-lime ceases to make
a crackling noise. Then pour upon it two pints and
a half of drying oil, and boil it about an hour longer,
stirring it often with an iron or wooden *spatula*. As
the varnish, in boiling, swells much, the pot should
then be removed from the fire, and be again replaced
when the swelling subsides. While boiling, it should
be occasionally examined, in order to ascertain whe-
ther it has boiled enough : for this purpose, take
some of the varnish upon the blade of a large knife,
and after rubbing the blade of another knife upon it,
separate the knives ; and when, on their separation,
the varnish begins to form threads between the two
knives, it has boiled enough, and should be removed