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The young man's book of amusement

Halifax, 1848

[Tabelle]

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three persons may be at liberty to choose any of them they please. This choice, which is susceptible of six different varieties, having been made, give to the first person twelve counters, to the second twenty-four, and to the third thirty-six; then desire the first person to add together the half of the counters of the person who has chosen the card A, the third of those of the person who has chosen B, and the fourth part of those of the person who has chosen C, and ask the sum, which must be either 23 or 24; 25 or 27; 28 or 29, as in the following table:—

First	Second	Third	Sums
12	24	36	
A	B	C	23
A	C	B	24
B	A	C	25
C	A	B	27
B	C	A	28
C	B	A	29

This table shews, that if the sum be 25, for example, the first person must have chosen the card B, the second the card A, and the third the card C: and that if it be 28, the first person must have chosen the card B, the second the card C, and the third the card A; and so of the rest.

A certain Number of Cards being shewn to a Person, to guess that which he thought of.

To perform this trick, the number of the cards