ARITHMETIC.

QUESTION. What is Arithmetic?

ANSWER. Arithmetic is the art of reckoning by numbers; and consists of five principal rules; namely, Notation or Numeration, Addition, Subtraction, Multiplication, and Division.

Q. How are numbers expressed?

A. All numbers are expressed by the ten following figures:

1	2	3	4	5	6	7	8	9	10	0
one, or unit,	two,	three,	four,	five,	six,	seven,	eight,	nine,	ten,	cypher.

NUMERATION AND NOTATION.

Q. What is Notation?

A. Notation is the method of writing down a number in figures.

Q. What is Numeration?

A. Numeration is the art of reading a number expressed in figures.

Q. How must numbers be read?

A. From the left hand toward the right hand.

Q. How does the value of figures increase?

A. In a ten-fold proportion from the right hand toward the left; thus, the first figure on the right hand signifies so many units; in the second place it represents so many tens; and, in the third place, so many hundreds.

Q. What is the use of the cypher?

A. The cypher serves to bring figures to their proper places, by supplying vacant places. Thus, 7, seven; 70, seventy; 700, seven hundred; 770, seven hundred and seventy; 777, seven hundred and seventy-seven.

1