

PAGE
 ... 80
 ... 82
 ... 84
 ... 86
 ... 88
 ... *ib.*
 ... 89
 ... 94
 ... 95
 ... 96
 ... 97
 ... 98
 ... 99
 ... 101
 ... 102
 ... 104
 V. 107

... 110
 ... 112
 ... 113
 ... 118
 ... 123
 ... 127
 ... *ib.*
 ... 129
 ... 131
 ... *ib.*
 ... 132
 ... 134
 ... 138
 ... 142
 ... 143
 ... 144
 ... *ib.*
 ... *ib.*
 ... 145
 ... 146
 ... 149
 ... 152

... 155
 ... 160

ARITHMETIC.

SECTION 1.

1. ARITHMETIC teaches us the use of NUMBERS.
2. A UNIT or ONE is any single object or thing, as *an orange, a tree.*
3. A WHOLE NUMBER, OR AN INTEGER, is a UNIT or ONE, or a collection of UNITS or ONES: if a boy, for instance, have *one* orange, and then another orange is given to him, he will have *two* oranges; if another be given to him, he will have *three* oranges; if another, he will have *four* oranges, and so on. *One, two, three, four, &c.*, are called WHOLE NUMBERS or INTEGERS.
4. NOTATION is the art of writing any number in *figures or letters.*
 There are two methods of Notation: 1st, THE ARABIC; 2nd, THE ROMAN.
5. The ARABIC NOTATION is the method of expressing numbers by means of the following *figures*, called sometimes *digits*.

| | | | | | | | | |
|--------------|--|-------------|---------------|--------------|--------------|-------------|---------------|---------------------|
| 1, | 2, | 3, | 4, | 5, | 6, | 7, | 8, | 9. |
| called | <i>one,</i> | <i>two,</i> | <i>three,</i> | <i>four,</i> | <i>five,</i> | <i>six,</i> | <i>seven,</i> | <i>eight, nine,</i> |
| representing | (if we express a unite by a dot; thus .), | | | | | | | |
| . | .. | ... | | | | | | |
| or one | or two | or three | or four | or five | or six | | | |
| unit, | units, | units, | units, | units, | units, | units, | units, | |
| | | | | | | | | |
| | or seven | or eight | or nine | | | | | |
| | units, | units, | units, | | | | | |

and 0, called *nought*, because, when standing by itself, it has no value, and represents nothing. 0 is sometimes called *zero* or *cypher*.

Note. Any one of the figures 1, 2, 3, 4, 5, 6, 7, 8, 9, when standing alone, or as the last figure on the right hand of any number, expresses so many *single* objects or things, or *ones*.