

APPENDIX

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1. Define Arithmetic as a *Science* and as an *Art*. As a Science, it logically investigates and philosophically classifies and arranges the principles and rules of the subject ; as an Art it applies these principles to the practical affairs of life.

2. Upon what is Arithmetic founded, and how are its operations carried on? It is founded on notation, and its operations are carried on by means of addition, subtraction, multiplication and division.

3. What is a Unit? One, or a single thing.

4. What is a number? A unit or a collection of units.

5. What is an integer? A whole number.

6. What is notation? A method of counting or expressing numbers by characters.

7. What is numeration? A method of reading numbers expressed by characters.

8. What is an abstract number? A number used without reference to any particular thing.

9. Concrete number? One that has reference to a particular thing.