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restriction on the generality of a and b. The laws governing the operations with arithmetical numbers are taken as applying to the system made up of positive and negative numbers, and in this way operations as multiplication and division are defined, and come to have a meaning for negative numbers.

After the simple rules are treated, methods of resolution into factors are considered and brought into close relation with the direct processes that suggest them. This part of the subject is treated at 3 light on account of its importance in relation to the quation, and to afford a variety of exercise in acquiring readiness in manipulature; expressions.

In Chapter XII are given certain methods and results of great importance yet of some difficulty. It seemed best not to give these here and there through the book. The teacher will naturally treat them as seems best to him, deferring the chapter or parts of it until such time as they may best be taken up.