

Using Place Value to Add, Subtract, Multiply, and Divide Whole Numbers

Don Vander Klok

Lambton College

Abstract:

A review of computation on whole numbers without a calculator is often needed for some college programs. Often, the review clashes with the methods students are taught after grade three. In this article, I present an alternate method of using place value for adding, subtracting, multiplying, and dividing. The place value method provides a consistent and logical approach for students. The method also reviews the fundamental numeracy concept of place value.



Don Vander Klok (don.vanderklok@lambtoncollege.ca) has taught mathematics for over thirty years. Fifteen of those were in Ontario community colleges. He is past president of the Ontario College Mathematics Association and has recently retired from Lambton College in Sarnia.