

Mathematics
Unit 2: Computation

Essential Understandings	<ul style="list-style-type: none"> ▪ Computation can be used to solve problems. ▪ Operations create relationships between numbers.
Essential Questions	<ul style="list-style-type: none"> ▪ Why does one need to add? ▪ Why does one need to subtract? ▪ What is a sum? ▪ What is a difference? ▪ What is a fact family?
Essential Knowledge	<ul style="list-style-type: none"> ▪ Addition means putting things together. ▪ A sum is the answer when one adds. ▪ Subtraction means separating things. ▪ A difference is the answer when one subtracts. ▪ A fact family shows the relationship between addition and subtraction.
Vocabulary	<ul style="list-style-type: none"> ▪ <u>Terms:</u> <ul style="list-style-type: none"> ○ explain, solve, manipulatives, combine, separate, sets, number sentence, symbols, answer, greater than, less than, same, different, count, more, less, equal, story problem, fact families, add, subtract, digit, show, strategy, tool, total, sum
Essential Skills	<ul style="list-style-type: none"> ▪ Draw, record, and explain mathematical thinking through manipulatives and/or pictures. (I) ▪ Combine and separate sets. (I, R) ▪ Read and write number sentences using the symbols +, −, and with numbers ≤ 10. (I, R) ▪ Identify and explain the terms: sum and difference. (I) ▪ Write fact families using numbers ≤ 10. (I)
Related Maine Learning Results	<p>A. Number Whole Number A2.Students understand and use procedures to add and subtract whole numbers with one and two digits. b. Use an operation appropriate to a given situation.</p>