

Developing Problem-Solving Processes

	Addition	Multiplication
Standard	Add: $75 + 83$	Multiply: 67×48
Reversibility Thinking 'backwards.' Given the answer and finding the problem.	Find 2 two-digit numbers whose sum is at least 117.	Find 2 two-digit numbers whose product is at least 3,216.
Generalization 1. Finding a pattern from multiple cases. 2. Identifying a specific case, given a generalization.	Find 2 numbers whose sum is a three-digit number.	Find 2 numbers whose product is a four-digit number.
Flexibility 1. Identifying relationships between and across problems. 2. Solving a problem in multiple ways.	Add 75 and 83. Now add it a different way.	Find the product: 1) 67×48 2) 66×48 3) 67×49