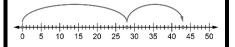# Master 67: Activity 27 Assessment
Exploring the Associative Property

Operational Sense Behaviours/Strategies			
1. Student uses counting on a number line to show addition. $28 = ? - 15$ "I counted to 28 on the number line. Then, I counted another 15 to show: $28 + 15 = 43$"	2. Student decomposes and recomposes numbers (uses associative property one way). $28 + 15 = 28 + 2 + 13$ $28 + 2 + 13 = 30 + 13$ $30 + 13 = 43$	3. Student recognizes that there are multiple ways to decompose and recompose numbers and that the result will be the same. "I know another way to make the addition easier." $28 + 15 = 23 + 5 + 15$ $= 23 + 20$ $= 43$	4. Student uses strategies efficiently and flexibly to solve equations of different types "I can break a number down in different ways in different situations."

Observations/Documentation			

Mathology 2 Alberta
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