

## Master 22: Activity 12 Assessment Using Symbols

Expressing Equality and Inequality Behaviours/Strategies		
Student guesses whether the pans balance.	Student is unsure when to use the equal and not equal signs.	When there is more than one set of dots in a pan, student compares only one of the two sets with the number of dots in the other pan.  "There are 5 dots and 7 dots in this pan and 9 dots in the other. There must be more in this pan because 9 is greater than 7!"
<b>Observations/Documentation</b>		
When there is more than one set of dots in a pan, student omits the addition sign in the number sentence.  $57 \neq 9$	Student thinks the order of the numbers in the number sentence matters (e.g., $4 + 5$ is different from $5 + 4$ ).	Student understands equality and inequality and records symbolically with ease.
<b>Observations/Documentation</b>		