Patterning and Algebra

Activity 9 Assessment

Exploring Number Sentences for Larger Numbers

Variables and Symbols			
Uses equal sign as balance (left side equals right side) and not equal sign as imbalance 18 + 16 = 10 + 24 18 + 16 ≠ 24 – 10 "The equal sign means that the numbers on both sides are worth the same amount."	Uses symbols to represent unknown quantities 18 + ☐ = 34 "I used a box to represent the unknown, but I could have used a different shape."	Understands the unknown represents one quantity/value 18 + ☐ = 34 "The box represents a number that would be added to 18 to make 34. No matter what the symbol is, it will always represent 16."	Solves equations flexibly 18 + ☐ = 34 34 − ☐ = 18 34 – 18 = ☐ "In all of these equations, the symbol represents the same number, 16."
Observations/Documentation			