Master 32: Activity 14 Assessment
Patterns in Number Relationships

Creating and Describing Number Patterns Behaviours/Strategies		
1. Student recognizes the number facts are related, but has difficulty describing the patterns in the numbers or modelling the facts on a number line. $21 + 29 = 50$ $22 + 28 = 50$ $23 + 27 = 50$ "They're all really close to each other."	2. Student describes the patterns in addition, but struggles to describe the patterns in subtraction. $58 - 33 = 25$ $57 + 32 = 25$ $56 + 31 = 25 \ldots$ "The difference is always 25."	3. Student describes patterns in addition and subtraction, but creates addition patterns with random facts that have the same sum. $4 + 23 = 27$ $12 + 15 = 27$ $26 + 1 = 27$

Observations/Documentation		

4. Student uses number facts to create addition patterns that show number relationships, but has difficulty creating subtraction patterns. $14 + 9 = 23$ $29 - 18 = 11$ $13 + 10 = 23$ $13 - 2 = 11$ $12 + 11 = 23 \ldots$ $15 - 4 = 11 \ldots$	5. Student creates and describes addition and subtraction patterns that show number relationships, but has difficulty finding missing parts. $29 - 18 = 11$ $\underline{} - 17 = 11$ $27 - 16 = 11 \ldots$	6. Student creates and describes addition and subtraction patterns that show number relationships and finds missing parts. "When both numbers being subtracted go up or down by the same amount, the difference stays the same."

Observations/Documentation		