Master 97: Activity 35 Assessment
Mastering Addition and Subtraction Facts

Adding and Subtracting Numbers to 20 Behaviours/Strategies

1. Student fluently adds and subtracts within 5.	2. Student fluently adds and subtracts to 10.	3. Student fluently adds and subtracts to 20.
"I know 4 + 1 = 5 and 5 − 1 = 4."	**"I know 8 + 2 = 10 and 10 − 2 = 8."** **(complements to 10)**	**"I can use doubles. I know 9 + 9 = 18 and 18 − 9 = 9."**

Observations/Documentation

Using Known Facts and Mental Math Behaviours/Strategies

4. Student uses known sums and differences to solve addition and subtraction equations.	5. Student uses properties and inverse operations of addition and subtraction to solve problems.	6. Student uses related facts and develops mental strategies and algorithms.
25 + 17 = ___ **"I know 25 + 20 = 45, and 45 minus 3 is 42."** **(decomposing, known facts)**	**41 − ___ = 12** **"I can think addition to help me solve the problem: 12 + ___ = 41."**	**19 + 22 = ___** **"I take 1 from 22 and give it to 19 to get 20 + 21. 20 + 20 = 40, and 1 more is 41."** **(compensation)**

Observations/Documentation