Think about Strategies for Solving Problems

Grace and Jerome had to solve this problem:

There were 9 children playing on the swings in the park. Later, 4 more children joined them. How many children were on the swings altogether?

1. Grace solved the problem using a number line to count on. Write or show how she used a number line to solve the problem.

2. Jerome solved the problem by using a ten frame. Write or show how he solved the problem.

3. Think of another strategy for solving the problem. Write or show how you solved the problem.

Number sentence _____

Think about Strategies for Solving Problems Feedback Box	Expectation	Check In	Comments
Represent addition and subtraction using drawings, diagrams, counters, number sentences, number lines, or ten frames.	E2		
Solve word problems (e.g., join, separate/take away, part-whole, compare) involving two whole numbers whose sum is between 10 and 20.	E3		
Use mental math strategies and reasoning strategies (e.g., using doubles, using ten, making ten) to solve addition and subtraction problems with sums between 10 and 20.	E5		
Use strategies that apply the properties of addition (e.g., turn around, compose and decompose numbers) to solve addition and subtraction problems.	E6		
Find the unknown whole number in an addition or subtraction equation relating three whole numbers.	E7		

	Yes . . .	Yes, but . . .	No, but . . .	No . . .
MPE1. Know the problem. I read the problem carefully. I know the questions to answer and what information is important.				
MPE2. Find a strategy. I choose good tools and an efficient strategy for solving the problem.				
MPE3. Check for reasonableness. I look back at my solution to see if my answer makes sense. If it does not, I try again.				
MPE5. Show my work. I show or tell how I arrived at my answer so someone else can understand my thinking.				