From:	▓▓▓▓▓▓▓▓▓▓▓▓
Sent:	Tuesday, January 14, 2014 7:35 PM
To:	Gerding, Sarah
Subject:	RE: Subtraction Strategies

Thank you Mrs. Gerding.

I hope you are enjoying your student teaching. You are working with an amazing teacher.

Keira comes home and tells me about the great day she had with you. Thank you.

Take care.

Kelly Mertz

From: Gerding, Sarah
Sent: 1/14/2014 4:34 PM
To: 'Alan Brown'; 'Beckie Young'; 'Ben Garvin'; 'Ben Garvin'; 'Cara Brown'; 'Chris's Mom'; 'Deanna Wright'; 'Deepak's Family'; 'Faith's Nana'; 'Farhana Sajid'; 'Hiren Shah'; 'Jacob's Dad'; 'Jill Lenaway'; 'Jill McBeth'; 'Katie Gorczyca'; 'Kelly Mertz'; 'Lisa Walters'; 'Michele Shornak'; 'Mrs. Harris'; 'Mrs. Short'; 'Neelam'; 'Pamma Chana'; 'Short Family'; 'Sritha's Mom'; 'Tamika Mareno'
Cc: Long, Lindsay
Subject: Subtraction Strategies

Good Afternoon Parents!

Today in math we learned 3 new strategies for subtracting two digit numbers. We used all three strategies on the SmartBoard to solve the problem $73 - 34 = ?$ I took a picture of the board before moving on so that I could send it home as a reference. I also included a brief description of each strategy below in case you have any questions on upcoming homework:

- **Counting Up:** using the smallest known number (in this case 34) and drawing it using sticks and dots (or tens and ones). Then counting up to the known total (in this case 73) using tens and ones, then totaling those tens and ones to find the unknown number (in this case 39).

- **Break Apart:** drawing the known total using sticks and dots (tens and ones) and then "breaking apart" the drawing into the other known number and counting what is left.

- **Adding Up:** This strategy uses only numbers (no drawings) to add numbers to get to values of ten until you reach the known total. Once you reach the total, you then add all of the numbers that have an addition sign in front of them to figure out the missing number.

Please let me know if you have any questions! ☺

Mrs. Gerding

From: Long, Lindsay
Sent: Tuesday, January 14, 2014 10:17 AM

[The entire original message is not included.]