

| Reminder: <br> Use the terms Regroup, Trade and Exchange interchangeably. These are common terms being used in curriculum today across the USA. We need to promote flexibility in our students' thinking so that they can see that the action is much more important than the verbal label we put on it. As long as we are mathematical in our verbiage so the word describes what we are mathematically accomplishing, the word is acceptable. | Unit 3, Lesson 1 <br> TV Lesson - continued <br> AZULITO: No we don't. We need 10 units to trade for one ten. We don't have enough. <br> TEACHER: Excellent. So we now have seven units. How many tens do we have when we combine the two sets? (pause, then count 1 ten add 1 ten equals 2 tens) <br> So when we add 15 and 12 , our answer or sum is 27 . <br> AZULITO: That was easy! Can we try a harder one? <br> TEACHER: Of course. Let's find the sum of 27 and 15. What are the fewest number of base ten blocks you can use to make 27? Please tell your teacher, girls and boys. (pause, then say and demo 2 tens and 7 ones) And what are the fewest number of blocks we can use to make 15? (same process) <br> Let's combine the two sets. What is the sum of 7 and 5? (pause) <br> AZULITO: I know - the sum of 7 and 5 is 12 ! I counted on (demo). <br> TEACHER: Do we have enough to regroup? (response time) Yes we do. We have more than 10 units. Let's take 10 of these units and regroup them for one ten. (Do so physically, counting out the 10 units, and physically "trading" them in for the one ten which you put in the row of tens and tell students to do so.) <br> Now, how many ones do we have? (pause) We have 2 ones. And how many tens do we have? (pause) We have 4 tens 10, 20, 30 and the exchanged 10 makes 40 . Our number is 4 tens and 2 ones or 42. <br> You have a record sheet, BLM Combining Tens and Ones. Let's write what we just modeled. <br> First, you see that we have our number sentence 27 add 15 equals. <br> Now, we modeled that with base ten blocks. Let's draw the base ten blocks, but instead of rectangles and squares, let's just draw lines for tens and dots for ones. We have 2 tens (draw 2 lines horizontally) and we have 7 ones. (Draw 7 dots, in rows of 5.) I like to draw my units in sets of five so I can easily see when I have ten. |
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## BLM Unit 3, TV Lesson 1

Combining Tens and Ones
One per student


| Tens | Ones |
| :---: | :---: |


| Tens | Ones |
| :---: | :---: |


| Tens | Ones |
| :---: | :---: |

Paper Base Ten blocks

| Hundreds flat |
| :--- |

Tens


