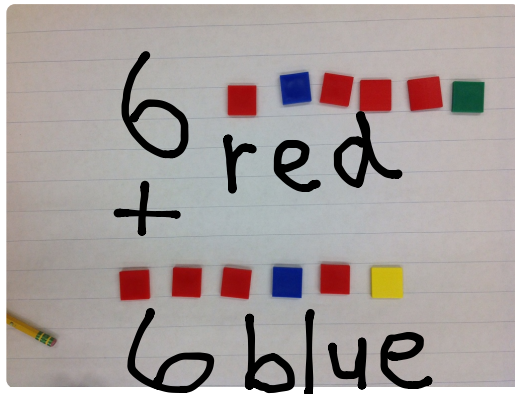
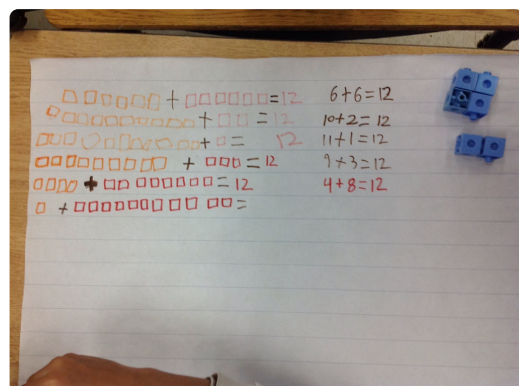
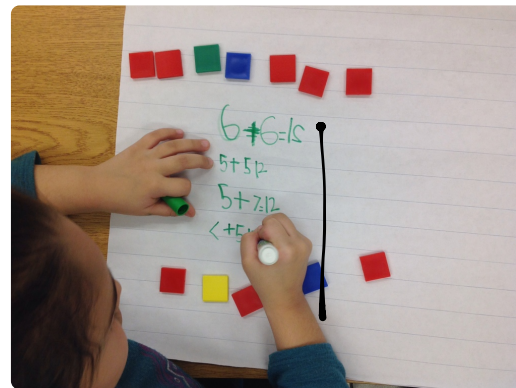


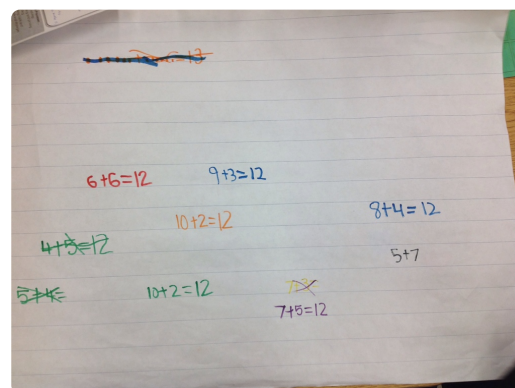
Mali has 12 marbles. Some are red and some are blue. How many red and how many blue might Mali have?
How many combinations can you make?



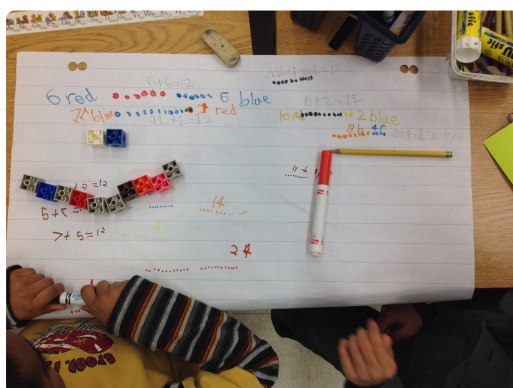
One to one correspondence



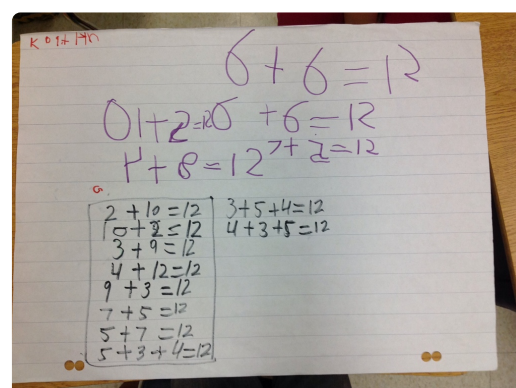
It's backwards but the same



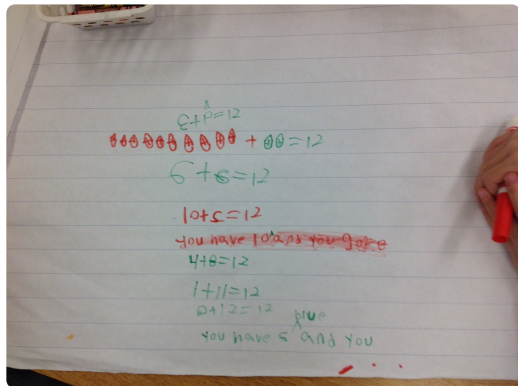
Guessing and checking with the manipulatives



How can we organize our ideas for clarity?

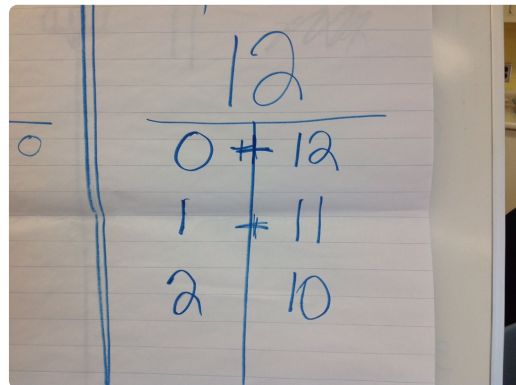
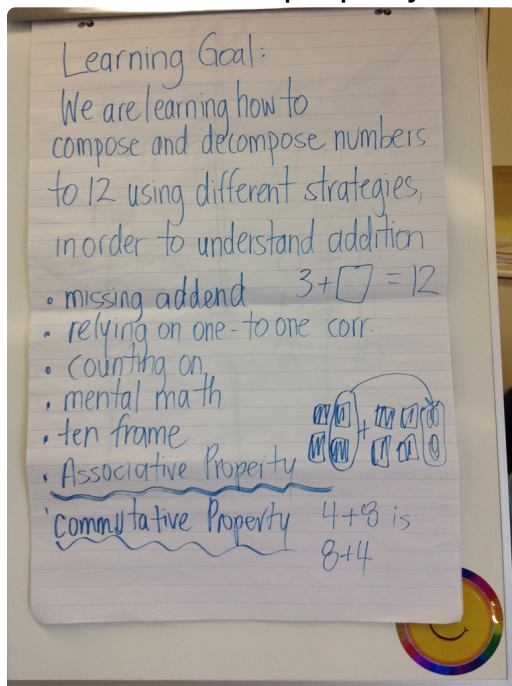


The student said "look at the word wall"



-efficiently writing algorithms with numbers and appropriate

Debrief- the commutative property
-the associative property



-showing students that it doesn't matter what order we add in, the answer stays the same
-seeing the patterns in the number facts