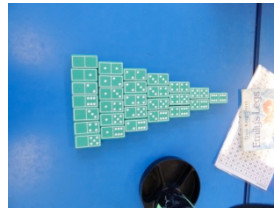
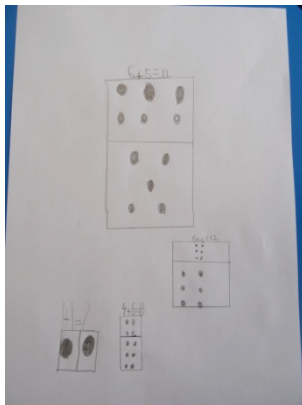


Our class solved the problem 'Dominoes Sets' first. These are some pictures of our domino systems.



Then this is how Ryan and Erin solved 'Amy's Dominoes'.

"We counted all the dominoes and it equalled 28. We worked out that it was a difference of 4 between Amy's number and our answer of how many dominoes we had. Then we counted how many spots there were on all of the dominoes put together and there were 160 spots and we knew that she had 125 spots. 125 add 5 would equal 130 and then we added 30 to get to 160 so we added on 35. We had to get 35 spots on 4 dominoes. We used 6 and 6, 6 and 5, 6 and 4 and 1 and 1.



Then our teacher challenged us. We had to work out the answer if Amy had 124 spots on her dominoes. So we had to make 36 spots with 4 dominoes. We tried to find out how many spots there would be approximately on the 4 dominoes. We started off with 6×4 . 6×4 equals 24. It didn't equal 36 so we tried 7×4 and that would equal 28. Then 8×4 equals 32. Then we did 9×4 and it equalled 36 which was the answer we needed. So with our dominoes we found some of the spots that added up to 9 on the dominoes. We had to make 4 lots of 9 and that equalled 36 and that was our answer. Our dominoes were $5 + 4$ and $6 + 3$. We couldn't do $7 + 2$ because there was no 7 on the dominoes so we had to do $5 + 5$ which equals 10 not 9. The next one we had to do would have to be an 8. We could have $4 + 4$ or $6 + 2$. That is how we worked it out!"

