

# Jona's Work

## My 6-Column 100-Chart

Today, in the afternoon, our teacher gave us a chart of 6-columns 100 chart to find the multiples of 2, 3, 5, and 7. Here are a few patterns that we found. I found that the multiples of "2" are in columns 2, 4, 6<sup>th</sup> columns, all multiples of 2 are even. The number 2 is prime and even. It's the only even number that is prime.

All the multiples of 3 are in column 3 and 6<sup>th</sup>. The 3 has multiples of 2 for example 6, 12, 18... also it shares multiples of 5 and 7 like in 5, 5; 15; 14. The 7, shares multiples with the #3: 7, 21, 63, 84.

The multiples of 5 end up in 5 or 0 and are in a diagonal. There are 4 diagonals of 5, they go in a diagonal from right to left, also every other multiple of 5 shows multiples of 2. First look for all the numbers with a "0" and that is also a multiple of 2; 10, 20, 30, 40, 50...

The seven goes in a diagonal from left to right, opposite of 5. Every other multiple of 7 end up in an even number like 0, 2, 4, 6, 8 are multiples of 2. Finally, I had lots of fun finding patterns because it's like a challenge.