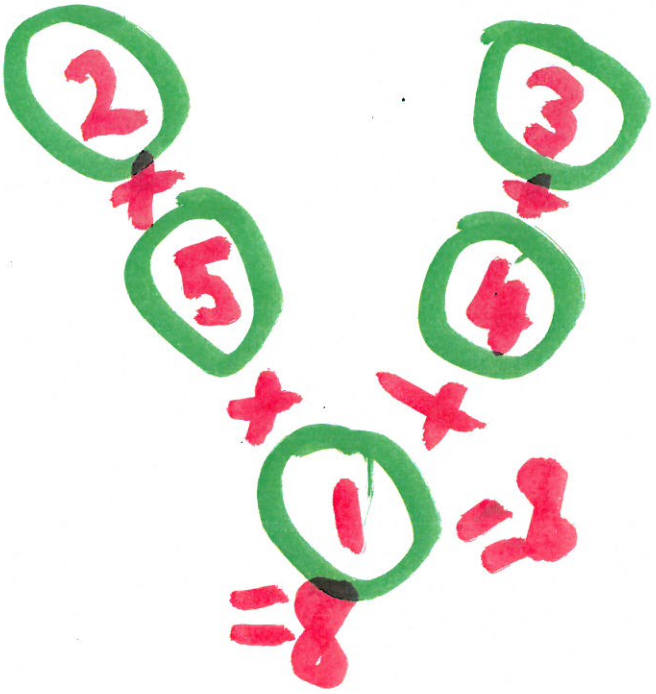
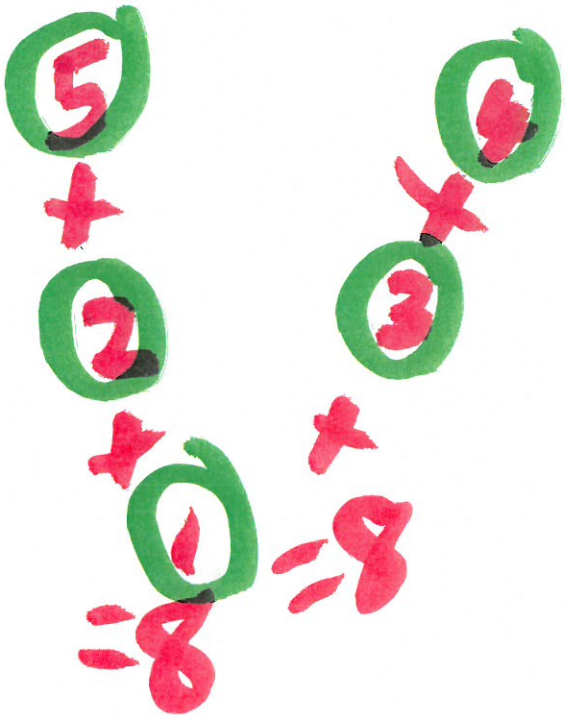
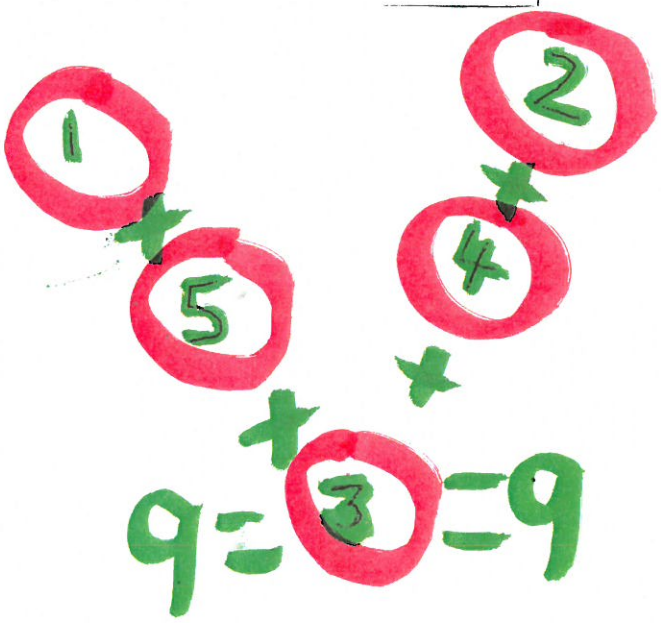
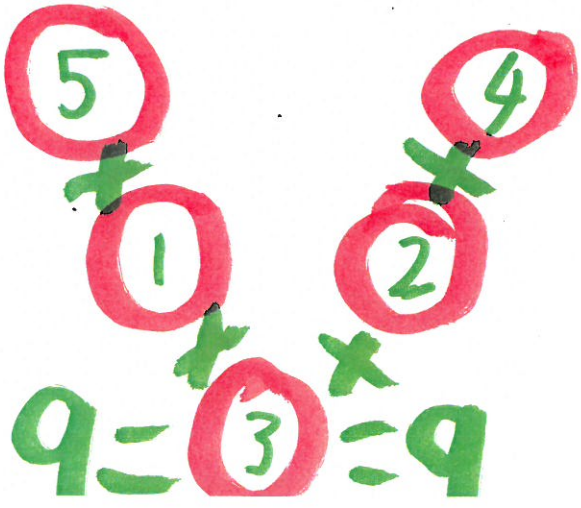
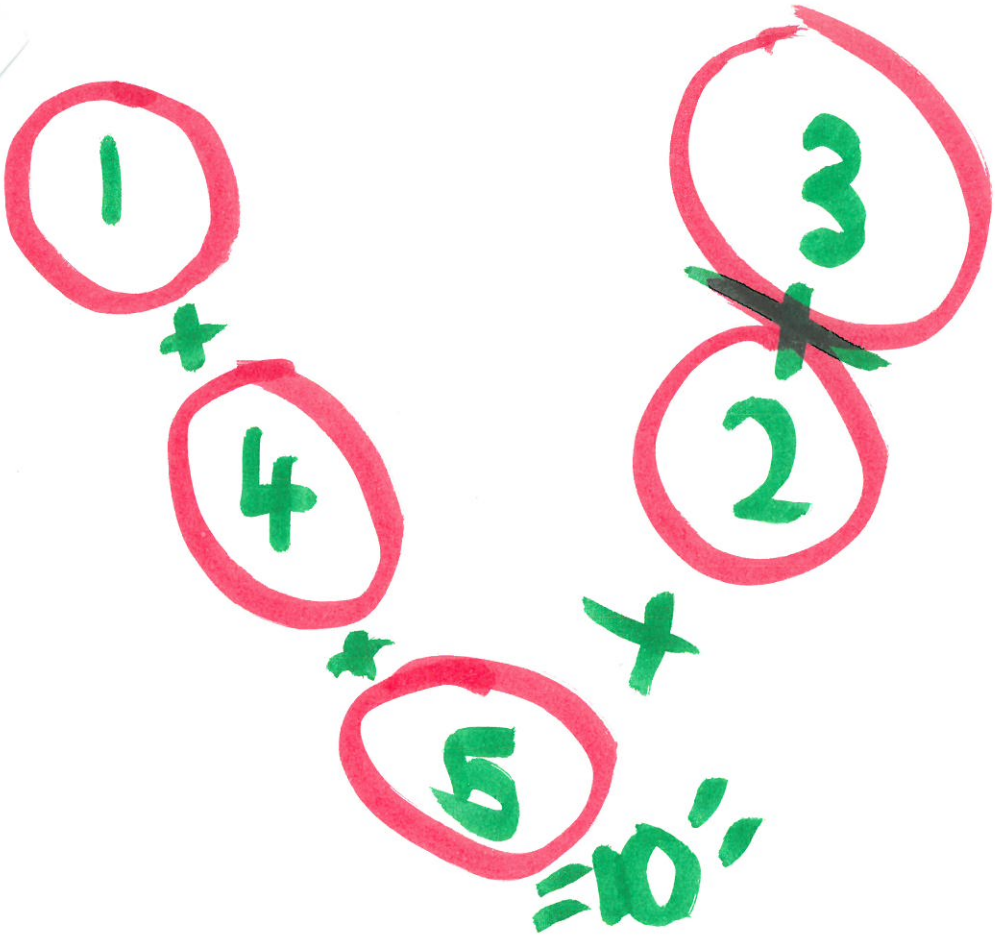
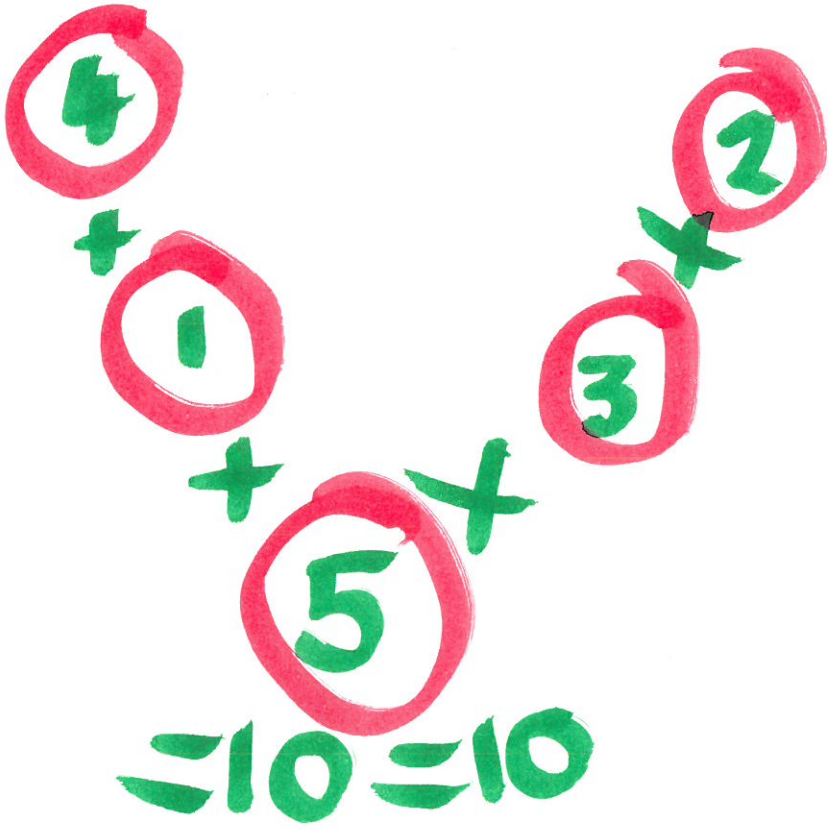

2
3
5
4
1
=8
=1

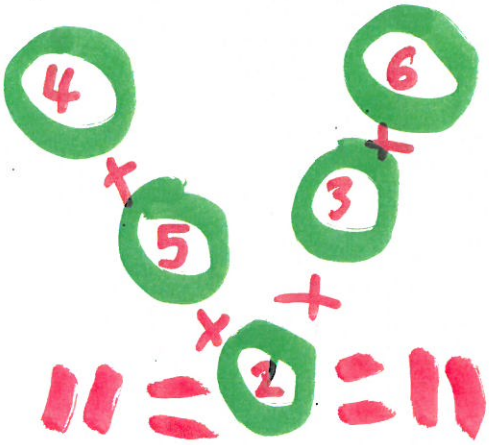

5
4
2
3
1
=8
=9

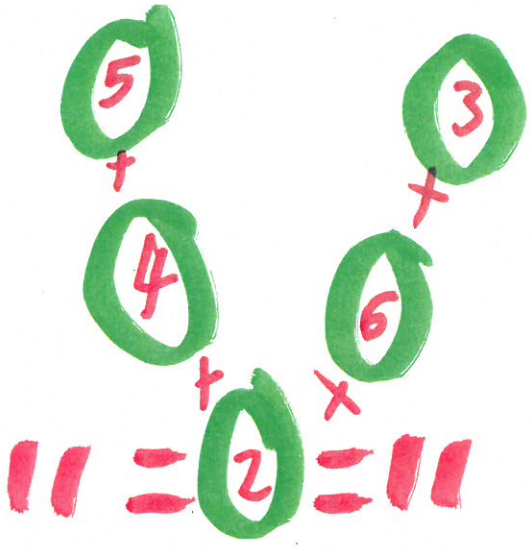

1
2
5
4
3
9=
=9


5
4
1
2
3
9=
=9

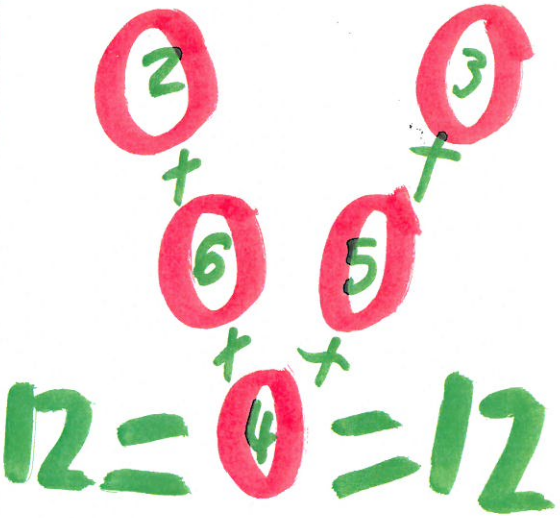

1
3
4
2
5
=10

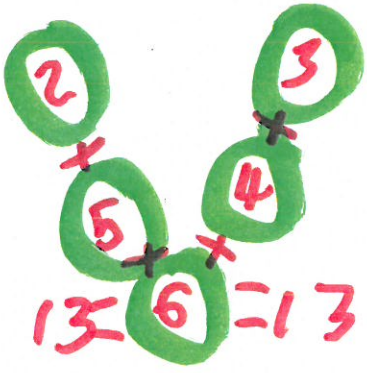

4
2
1
3
5
=10
=10

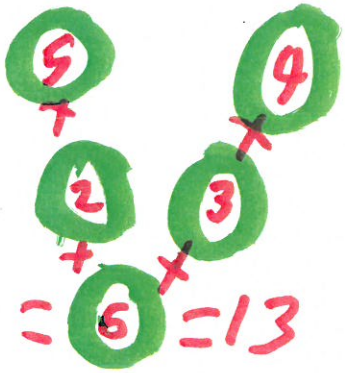

4 + 5 × 2 × 3 × 6
11 = 2 = 11

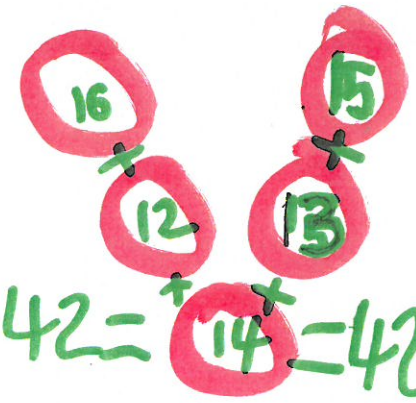

5 + 4 + 2 × 6 × 3
11 = 2 = 11

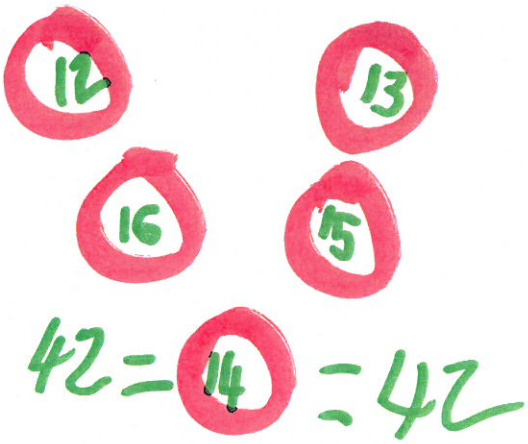

6 + 2 + 4 × 3 × 5
12 = 4 = 12

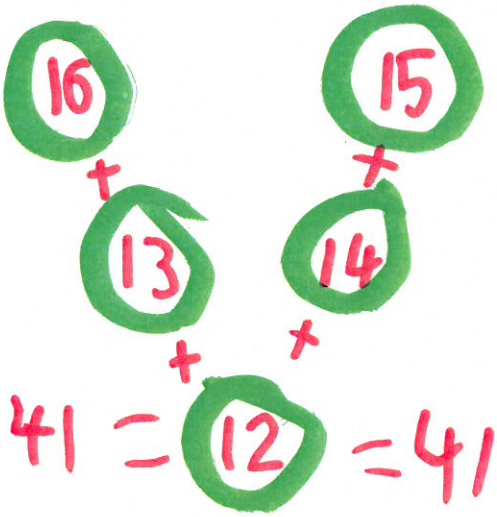

2 + 6 + 4 × 5 × 3
12 = 4 = 12

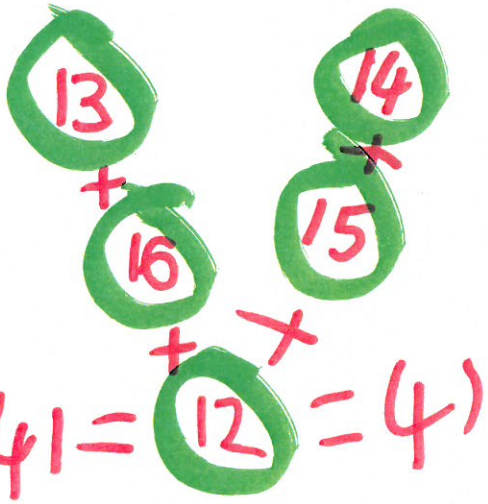

2 + 5 × 6 × 4 × 3
13 = 6 = 13

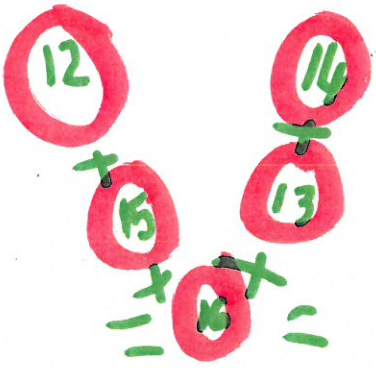

5 + 2 + 5 × 3 × 4
13 = 5 = 13

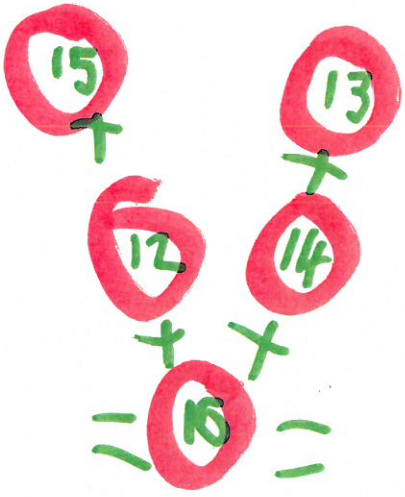

16
15
12
13
42 = 14 = 42

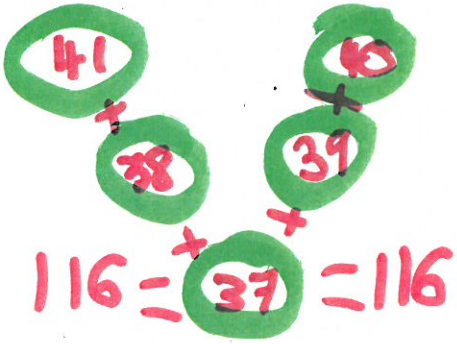

12
13
16
15
42 = 14 = 42

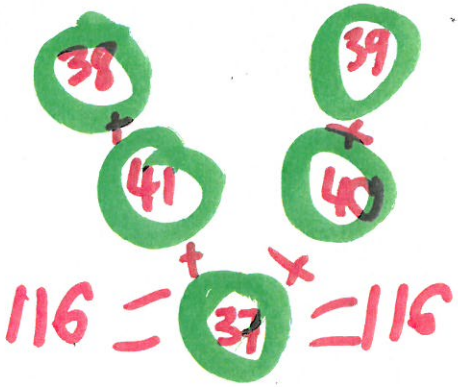

16
15
13
14
41 = 12 = 41

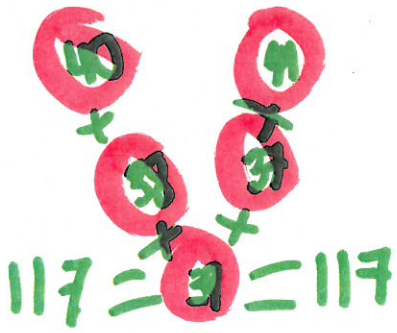

13
14
16
15
41 = 12 = 41

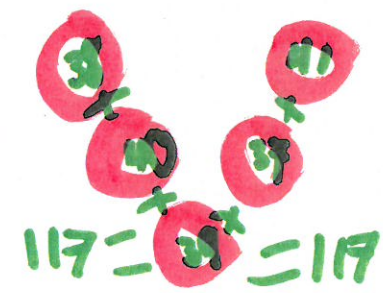

12
14
15
13
16

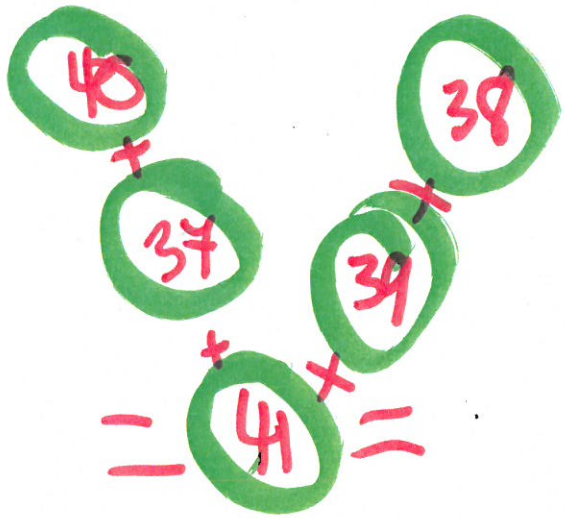

15
13
12
14
16

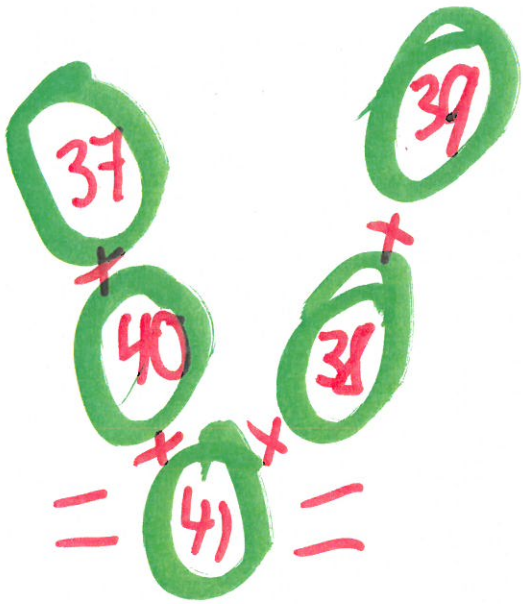












We have all the possibilities with using the numbers 1 to 5 and we have found a pattern that only an odd number can work at the bottom with the numbers 1 to 5. This happens because there are more odd numbers than even numbers. We know this is true because we have tried putting the even numbers at the bottom and we could make no possibilities. We have got other possibilities including an odd number at the bottom.

By Aoife, Leila, Amaya and Saachi