6. HOW TO SHARE 17 HORSES

Three brothers have to divide 17 horses wich their father left in the heritage, the oldest of the brothers gets $\frac{1}{2}$ of all horses, middle one $\frac{1}{3}$, and the youngest one $\frac{1}{9}$. They weren't able to divide them like that because 17 is prime which is not divisible by 2.3 and 9, so brothers borrow neighbors horse. Since they divided 18 into appropriate parts of the Testamento, first one gets 9, the other 6, and the third 2 horses. It is 17 and they returned horse to a neighbor . Is the division conducted properly according to will?