

## Answer on Question #78401 – Math – Algebra

### Question

When Mr. Ramos died,  $\frac{1}{3}$  of his state was given to charity and  $\frac{1}{2}$  of the remainder to each of his two sons. If each son received P 150,000, what was the value of his state?

### Solution

After deduction for charity the remainder of the state (which is  $\frac{2}{3}$  of the initial amount) is evenly divided between Mr. Ramos's two sons, therefore each son gets  $\frac{1}{3}$  of the state. Since each son received P 150,000, the total value of the state is  $P\ 150,000 * 3 = P\ 450,000$ .

**Answer:** P 450,000.