

Answer on Question #45921 – Math – Algebra

When Mr. Ramos died, $1/3$ of his estate was given to charity and $1/2$ of the remainder to each of his two sons. If each son received P150,000, what was the value of his state

Solution.

Let x be the value of his state.

So, $\frac{1}{3}x$ was given to charity, $(x - \frac{1}{3}x) * \frac{1}{2} = \frac{2}{3}x * \frac{1}{2} = \frac{1}{3}x$ was given to each of his two sons.

If $\frac{1}{3}x = 150000$, then $x = 150000 * 3 = 450000$.

Thus, the value of his state was P450,000.