

Example 26 . To control a crop disease it is necessary to use 8 units of chemical A , 14 units of chemical B and 13 units of chemical C . One barrel of spray P contains one unit of A , 2 units of B and 3 units of C . One barrel of spray Q contains 2 units of A , 3 units of B and 2 units of C . One barrel of spray R contains 1 unit of A , 2 units of B and 2 unit of C . Find how many barrels of each spray be used to just meet the requirement. (Solve by Matrix Algebra.)
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