Answer on Question #56014 - Math - Linear Algebra

Coplanarity of three vectors a, b, c is known as ……………

Dependent

Independent

linearly dependent

linearly independent

Solution

Coplanarity of three vectors means that all three of them lie in the same plane. Only two vectors are needed to construct a basis in this plane (for example a and b). It means that the third vector (c) can be expressed as a linear combination of other two, which means that they are linearly dependent.

<u>Answer:</u> linearly dependent.