Тест №2.

Найти векторное произведение векторов 

Решение.

Векторное произведение векторов *a*(x1;y1;z1) и *b*(2;y2;z2), заданных своими координатам, находится по формуле:

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| x1 | y1 | z1 |
| x2 | y2 | z2 |

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| y1 | z1 |
| y2 | z2 |

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| x1 | z1 |
| x2 | z2 |

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| x1 | y1 |
| x2 | y2 |

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**Задание**. Найти векторное произведение векторов a=(6;2;-1) и b(-4;3;-2).
**Решение**. По формуле находим:

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| 6 | 2 | -1 |
| -4 | 3 | -2 |

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| 2 | -1 |
| 3 | -2 |

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| 6 | -1 |
| -4 | -2 |

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| 6 | 2 |
| -4 | 3 |

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 | https://chart.googleapis.com/chart?cht=tx&chl=\overline%7bk%7d%20= |



Ответ: С=*a*x*b*=*i+16j+26k*