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Also,  $-1(1,2,1) = (-1, -2, -1)$ . This would be pictured by  
drawing the vector  $(1, 2, 1)$  in the opposite direction. Finally,  
 $4(1,2,1) = (4,8,4)$  which is four times vector  $a$  and so is vector  
 $a$  stretched four times as long in the same direction.  $1\ 0\ x-2$   
 $0\ 2\ y\ 0\ 2\ 4\ z\ a\ b\ a+b\ 9$ . Since the sum on the left must equal  
the vector on the right ...

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