Math 251 Daily Grade #1 1/23/2013

1. Find parametric equations for the line passing through the point (1,2) and parallel to the vector

$$v = <2,3>.$$

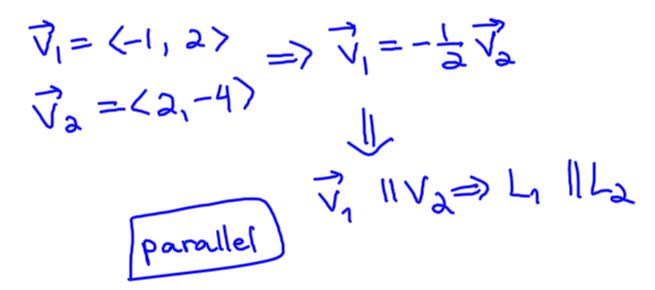
2. Determine where the lines

$$L_1$$
: r $(t)=(1-t)i + 2tj$

and

$$L_2$$
: r $(t)=(17+2t)i$ $+(1-4t)j$

are parallel, perpendicular, or neither.



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