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| Group Quiz 2Dusty Wilson Math 153No work = no credit | **Name**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Basic lines and planes

1. Find the line through the points A(3,2,1) and B(4,5,6). What are the coordinates of at least one other point on the line?

1. Find the plane through the points A(2,4,6), B(0,1,3), and C(1,4,1). What are the coordinates of at least one other point on the plane?

 Find another plane that shares the same line of intersection as the planes  and 

Find exact the distance from the plane  to the point where the lines  and  intersect.