

## Parametric Equations of Lines

1. Give parametric equations for  $x$ ,  $y$ ,  $z$  on the line through  $(1, 1, 2)$  in a direction parallel to  $\langle 2, -3, -1 \rangle$ .
2. Give parametric equations for the intersection of the planes  $x + y + z = 1$  and  $x + 2y + 3z = 2$ .

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18.02SC Multivariable Calculus  
Fall 2010

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