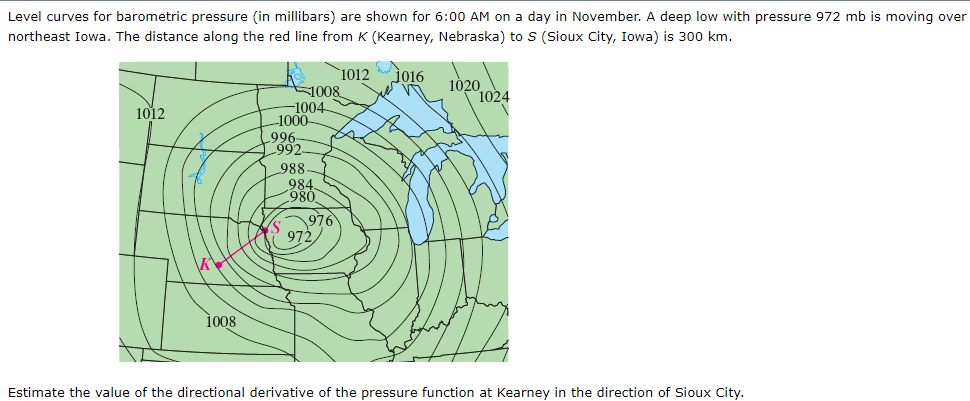
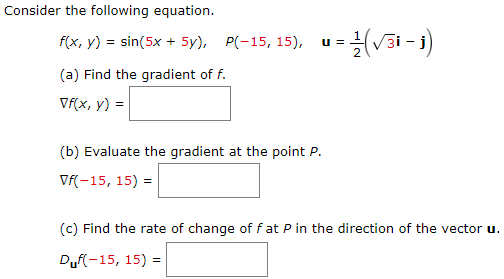
**Math 163  
14.6: Directional Derivatives and the Gradient Vector  
Questions for flipped class**

**(14.6.1)**



**(14.6.2)**

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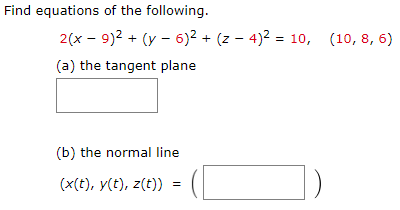
**(14.6.3)**



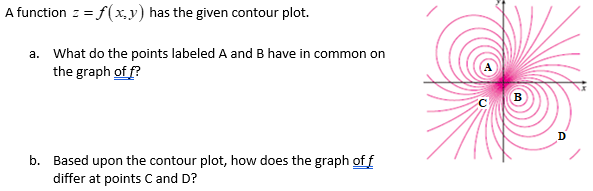
**(14.6.4)**



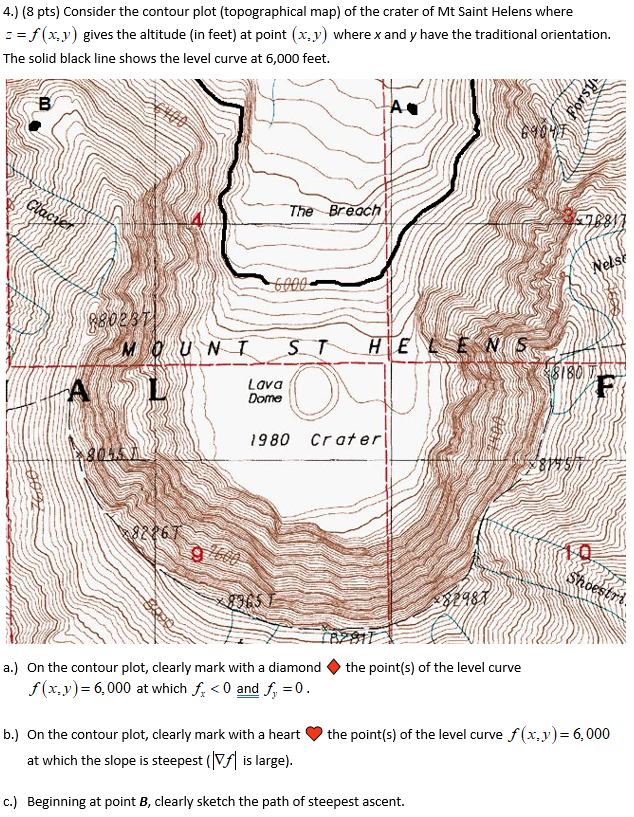
**(14.6.5)**

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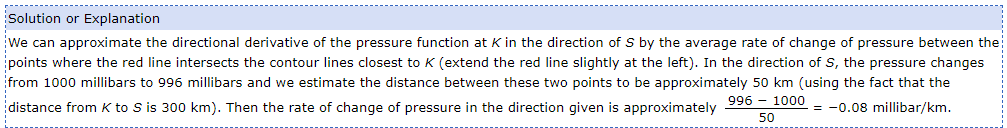
**(14.6.6)**



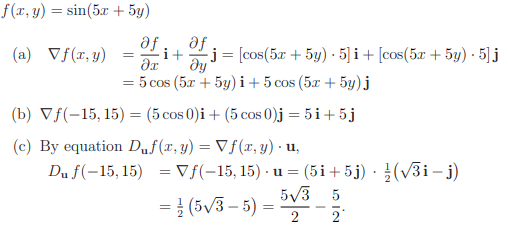
**(14.6.7)**

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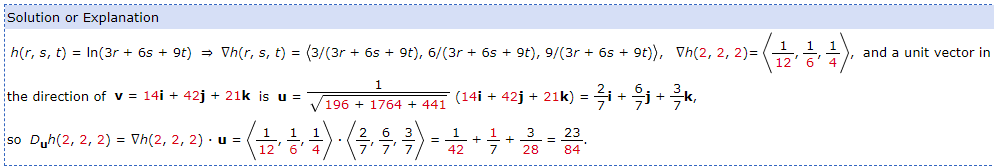
**(14.6.1 solution)**



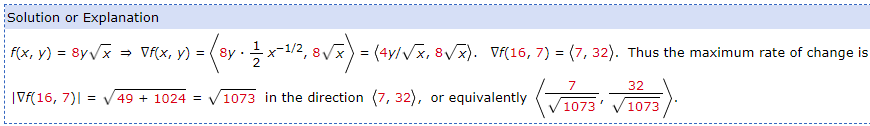
**(14.6.2 solution)**

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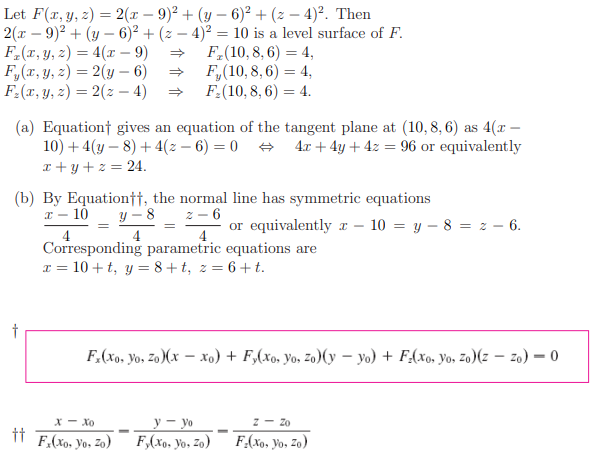
**(14.6.3 solution)**



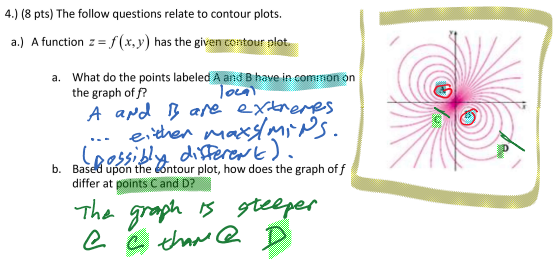
**(14.6.4 solution)**

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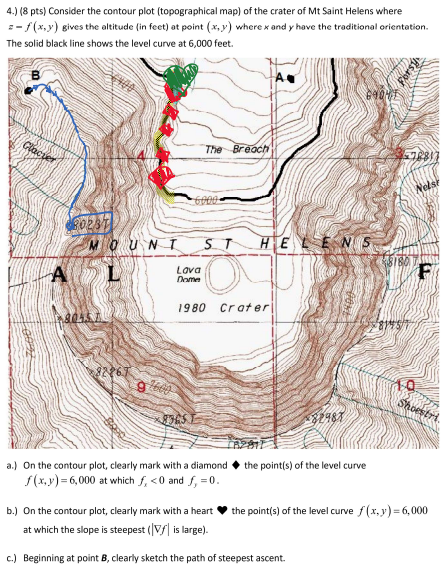
**(14.6.5 solution)**

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**(14.6.6 solution)**

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**(14.6.7 solution)**

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