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7.14 A heat transfer requires a temperature difference, see chapter 4, to push the Q.. What implications do that have for a real heat engine? A refrigerator? This means that there are temperature differences between the source of energy and the working substance so TH is smaller than the source temperature. This lowers the maximum possible ...

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• The pure substances from which a solution may be prepared are called components, or constituents, of the solution. • Solutions are not limited to liquids: for example air, a mixture of predominantly N 2 and O 2, forms a vapor solution. Solid solutions such as the solid phase in the Si-Ge system are also common Jan-2012 M Subramanian www ...

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