

Download Specific Heat Calculations Answers

Two page worksheet using Specific Heat Capacity. Questions start easy then become gradually harder. Answers included on separate sheet. Also includes a spreadsheet to show how the calculations have been done. Specific heat is the amount of energy required to raise one gram of a pure substance by one degree Centigrade. The specific heat of a substance is dependent on both its molecular structure and its phase. Specific heat capacity (C) is the amount of heat required to change the temperature of a mass unit of a substance by one degree. Isobaric heat capacity (C_p) is used for air in a constant pressure ($\Delta P = 0$) system. Specific Gravity is a unitless number (dimensionless quantity.) It is the ratio between the density of the material of interest and a standard material (e.g. water at its greatest density)., Specific Heat Calculations Answers.

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