

Part II C3 Petrology - Practical 23: Estimating Mantle Temperatures

Simon Matthews (sm905@cam.ac.uk), Lent 2023

Numerical Answers

This sheet gives you the numerical answers to the questions in the practical so that you can check your progress as you go. A full worked solution notebook will be available after the practical has finished.

Q3.3 T_{crys} should range between approx. 1150°C and 1400°C

Q3.5 approx. 150°C

Q4.3 Iceland: 1535°C, MORB: 1360°C