



iGeo



14th International Geography Olympiad

FIELDWORK EXERCISE 1

Task 1C

Student number

1	4				
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Belgrade, 2017

DURATION 15 MINUTES. TOTAL 6 MARKS

You are now at the Stop S4. Use your position as an observation point over Belgrade. Remember this panoramic view for tomorrow's exercise (FWE-2). Complete the following tasks.

C1. Winter sports are gaining popularity in Belgrade. Using the data from the Košutnjak meteorological station (44°46'N 20°25'E; altitude 230 m), suggest which months will be able to support skiing season here. (1 m)

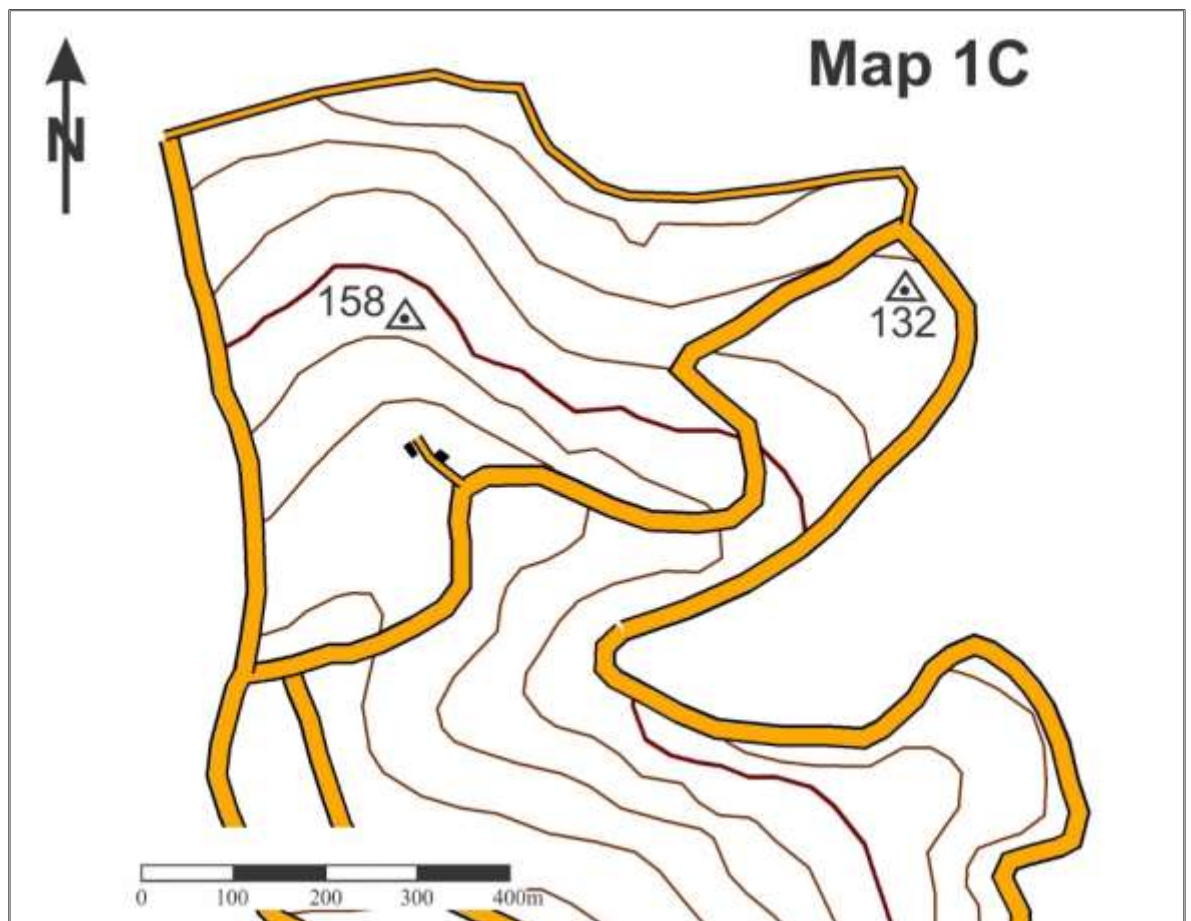
Average/month	Months											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Precipitation, mm	48	45	45	53	69	84	68	45	49	38	54	65
T°C	1.1	3.0	7.3	12.7	17.3	20.3	22.3	22.5	18.2	13.1	7.3	2.3

Months: _____

C2. You are standing near the upper point of a mountain ski run. Using Map 1C, calculate the inclination of this slope (degree, or percent). (2 m)

Place for calculations. Please show all of your work

Answer: Slope inclination – _____ *(please, indicate the unit – degree, or percent)*

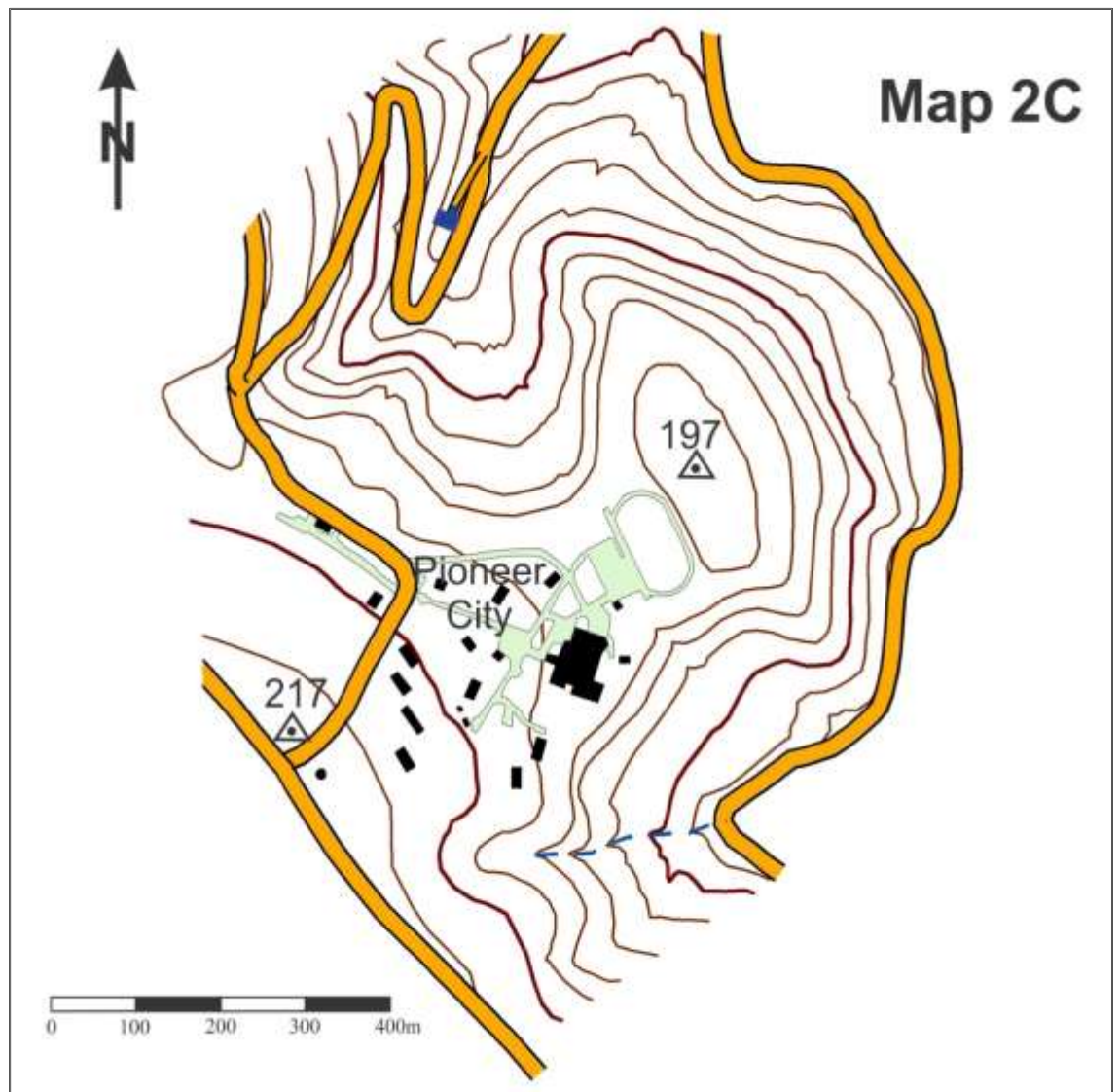


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C3. Imagine, that you are asked to plan an open-air ice skating rink to be placed at the Pioneer City close to the running pad. Assuming that the rink is a circle with a diameter of 75 m, find an appropriate place for this rink on Map 2C, and encircle it with a pen. As the skating rink should be flat, with no relative elevation, estimate the volume of ground to be removed. Take in consideration, that the place you have chosen requires minimal effort for make it flat. **(3m)**

Place for calculations. Please show all of your work

Answer: Volume of ground to be removed _____ cubic meters (m³)



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