12th International Geography Olympiad

FIELDWORK EXERCISE 1

Task 1.1

Student number

1	2				

Tver 2015

TIME LIMIT 30 MINUTES. 4 MARKS MAXIMUM

Your task is to calculate the residential population density of the town block shown on the map (FIG. 1 – the area within dotted borders).

HINTS&TIPS

- To calculate density: first, walk around the area, count the number of inhabited dwellings in the area and then calculate the population on the basis that the average size of a household is 2.7.
- There are three main types of residential buildings in Staritsa (FIGS. 2-4). Some dwellings are vacant or abandoned. Do not include these.
- Some buildings are not used for housing.
- Estimate the area using the map scale

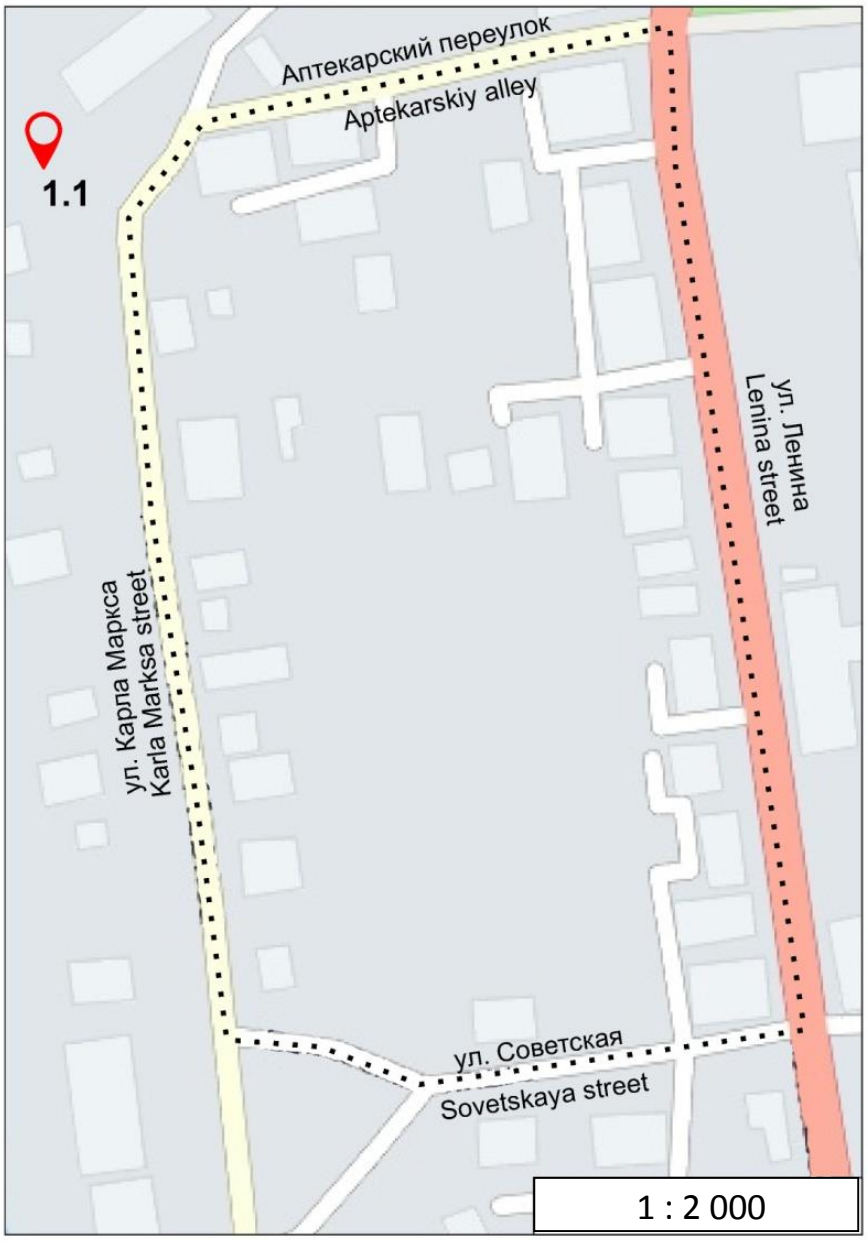

FIG.1

FIG. 2. Individual dwellings. Can be used by one household or shared between two or even three households. Some have retail or other businesses on the ground floor.

FIG. 3. Eight-flat dwelling

FIG. 4. Multi-apartment dwelling

NOTES AND CALCULATIONS (you must show working)

ANSWER

Density of population within the town block (town quarter):

= _____ inhabitants per ha

(1 ha = 0.01 km^2)