

*Simple choice questions. Only one answer is correct.*

1. A train ticket with student's discount of 20% costs 120 PLN. How much does a train ticket for the same trip with 50% discount for seniors cost?
  - a. 48 PLN
  - b. 72 PLN
  - c. 75 PLN
  - d. 90 PLN
  
2. To build 150m<sup>2</sup> roof, 10 construction workers worked 30 hours. To paint walls with total area of 80 m<sup>2</sup>, 5 workers worked 4 hours. How many workers are needed to build 80 m<sup>2</sup> roof and paint 320 m<sup>2</sup> of walls within 8 hours?
  - a. 10
  - b. 20
  - c. 30
  - d. 40

*Multi choice questions and points should be awarded only if all selections are made correctly.*

3. The following plot shows the population and area of selected European countries. Horizontal axis represents the area in thousand sq. km. and the vertical axis represents population in millions. The size of the dot representing a country is irrelevant.
  - a. A country with the biggest population among the countries shown is [France/Germany/Netherlands],
  - b. The population density of Netherlands is [bigger than/smaller than/approximately equal to] the population density of France.

