a) Explain the difference of surface and solid?

………

………

b) A conical surface can be generated by

………

c) A pyramid can be generated by

………

d) A pyramid is called regular prism, if ?

………

e) A cone is called quadratic cone, if?

………

f) Define the difference of a skew and right (or straight) pyramid:

………

g) Determine the properties of a circular cone:

………

h) All lines, which connect respective points of the basement and top face of either a pyramid or cone are called

………

h) Name properties of a regular hexagonal right pyramid, which is given as a solid:

……

……

i) A person states:
„A cone is a solid, which can be generated by rotation of a triangle about a line."
Is this definition sufficiently correct? Justify your opinion.

……

……

……

……

……