1)

Fg = m \* g

gr = 9,78

gp = 9,83

Fg1 = 10 \* 9,78 = 97,8 N

Fg2 = 10 \* 9,83 = 98,3 N

2)

r = 7,8 \* 108 km = 7,8 \* 1011 m

mS = 2 \* 1030 kg

Fg = 4,2 \* 1023 N

4,2 \* 1023 = k \*

mJ = 1,9155 \* 1027

ag =

ag = 2,1926 \* 10-4