2)

Fvz1 = V \* ρ \* g = 0,001 \* 1000 \* 10 = 10 N

Fvz2 = V \* ρ \* g = 0,001 \* 1260 \* 10 = 12,6 N

3)

Fvz = V \* ρ \* g = 0,006 \* 1000 \* 10 = 60 N

Fg = m \* g = 15 \* 10 = 150 N

F = Fg – Fvz = 150 – 60 = 90 N

6)

Fg = m \* g = 84 \* 10 = 840 N

Fvz1 = V \* ρ \* g = 0,084 \* 1000 \* 10 = 840 N

Fvz2 = V \* ρ \* g = 0,08 \* 1000 \* 10 = 800 N

F1 = Fg – Fvz1 = 840 – 840 = 0 N

F2 = Fg – Fvz2 = 840 – 800 = 40 N