Aula Exploratória 1 – gabarito

Exercício 1

a) $\vec{F} = \frac{G}{r^2}(-m^2 + Mm)\hat{r}$

b) $\frac{M}{m} = 2$

Exercício 2

  a) $F = \frac{Gm}{r^2}\left(M + \frac{m}{4}\right)$

  b) $a_c = \frac{G}{r^2}\left(M + \frac{m}{4}\right)$

  c) $T = \frac{2\pi r^{3/2}}{(G[M+m/4])^{1/2}}$