

## LISTA 2

1. (a)  $R = 4,8\text{m}$ ;  $\theta = 83^\circ$ ; (b)  $t = 2,8\text{s}$ ; (c)  $v = 27,9\text{m/s}$ .
2.  $2,62\text{ m}$  e  $10,09\text{ m}$
3.  $3,62\text{ m/s}^2$ ;  $29,60\text{ m}$
4. (a)  $202\text{ m/s}$ ; (b)  $806\text{ m}$ ; (c)  $v_x = 161\text{ m/s}$ ,  $v_y = 171\text{ m/s}$ .
5.  $5/3$