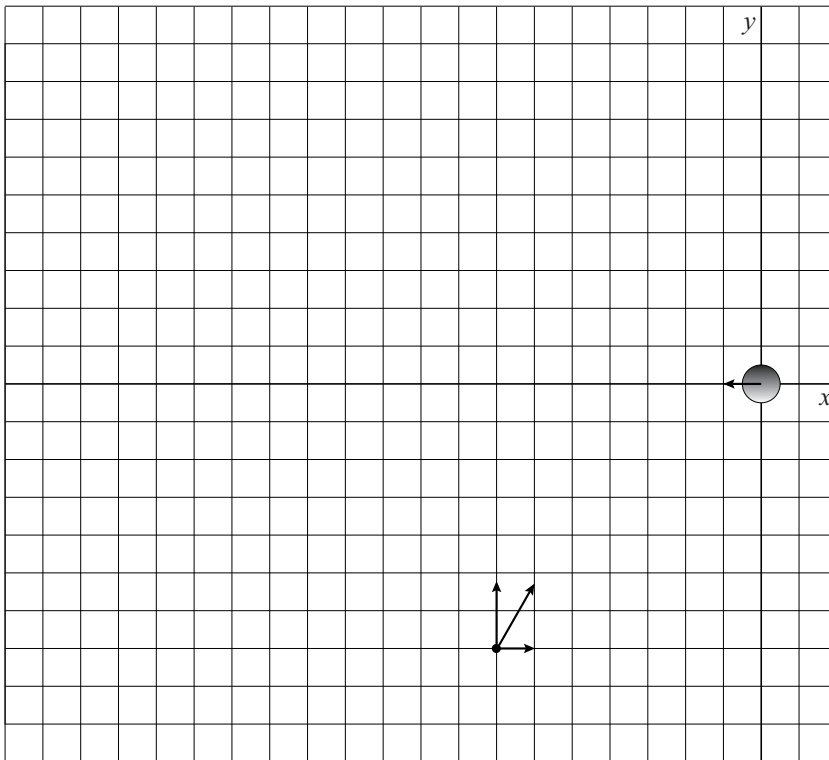


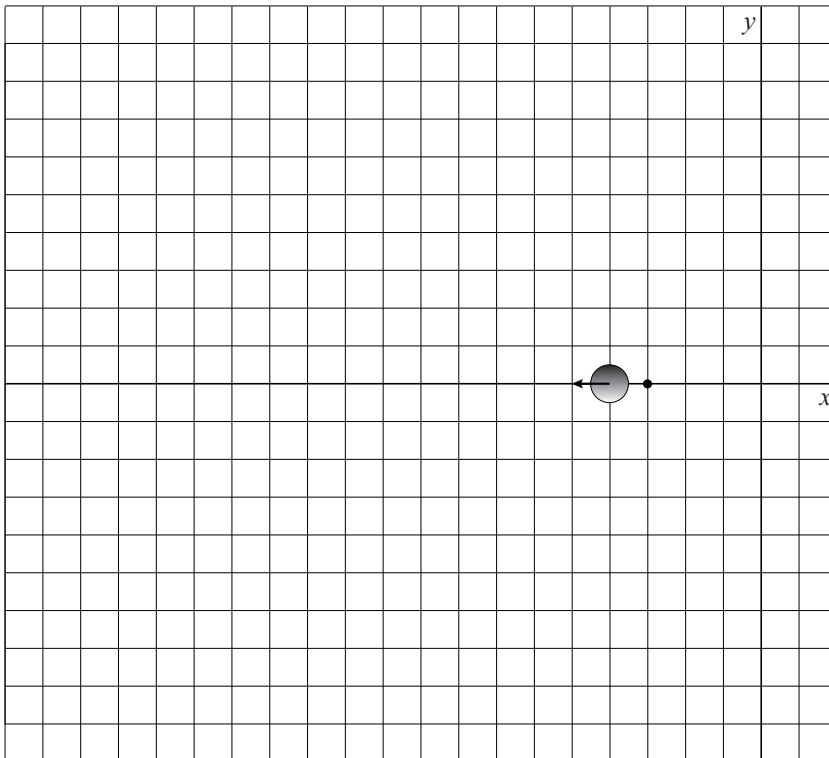
uitwerkbijlage

Naam kandidaat _____ Kandidaatnummer _____

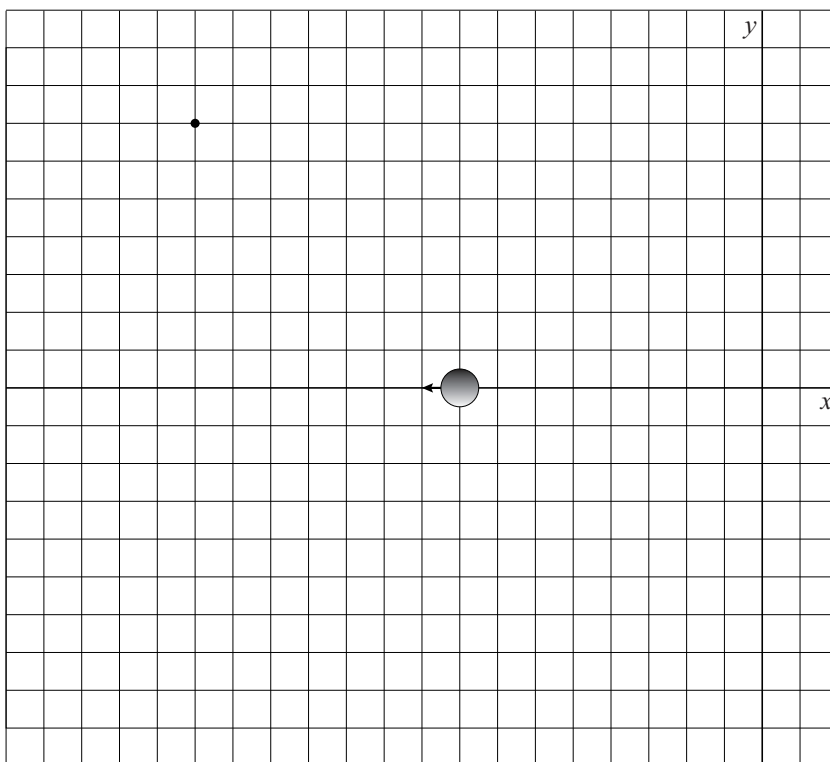
16 **figuur 3a**



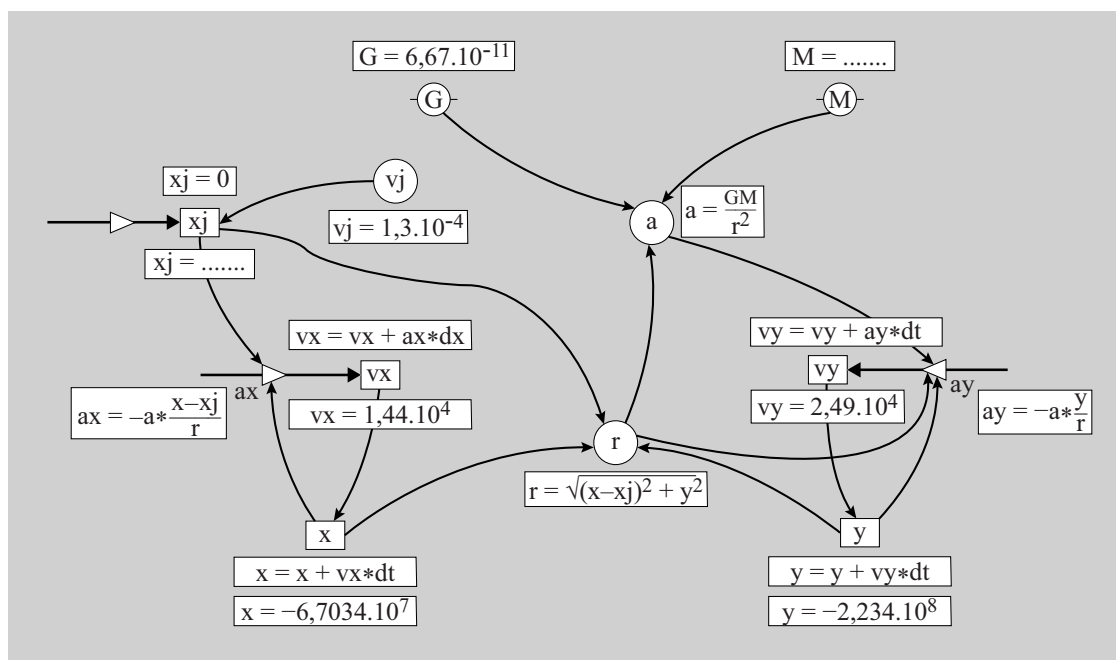
figuur 3b



figuur 3c



	Modelregels	Startwaarden (SI)
1	$r = ((x - x_j)^2 + y^2)^{0,5}$	$G = 6,67 \cdot 10^{-11}$
2	$a = GM/r^2$	$M = \dots\dots\dots$
3	$ax = -a \cdot (x - x_j)/r$	$v_x = 1,44 \cdot 10^4$
4	$ay = -a \cdot y/r$	$v_y = 2,49 \cdot 10^4$
5	$v_x = v_x + ax \cdot dt$	$x = -6,7034 \cdot 10^7$
6	$v_y = v_y + ay \cdot dt$	$y = -2,234 \cdot 10^8$
7	$x = x + v_x \cdot dt$	$x_j = 0$
8	$y = y + v_y \cdot dt$	$v_j = -1,3 \cdot 10^4$
9	$x_j = \dots\dots\dots$	$t = 0$
10	$t = t + dt$	$dt = 5$



VERGEET NIET DEZE UITWERKBIJLAGE IN TE LEVEREN