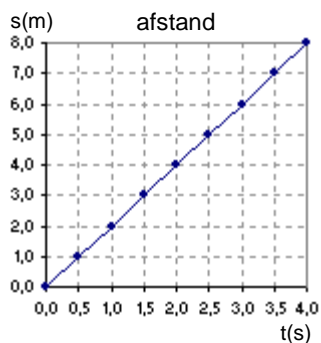


Formule overzicht Hoofdstuk 5

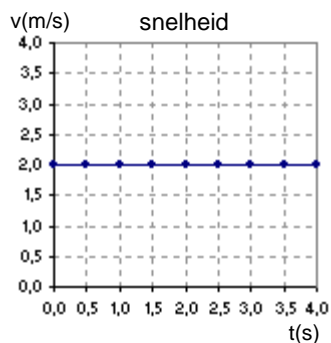
Constance snelheid (eenparige beweging)



$$v = v_{\text{gem}} = s / t$$

$$s = v_{\text{gem}} \cdot t$$

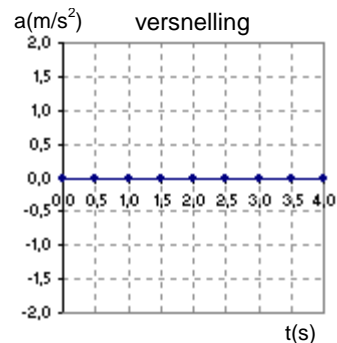
s = opp onder lijn



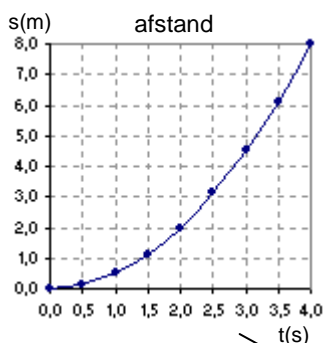
$$a = \Delta v / \Delta t = 0$$

$$\Delta v = a \cdot \Delta t = 0$$

$$v_e = v_b + \Delta v$$



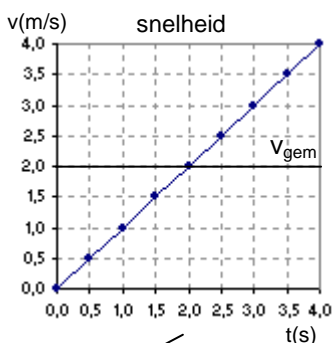
Constance versnelling (eenparig versnelde beweging)



$$v_{\text{gem}} = s / t$$

$$s = v_{\text{gem}} \cdot t$$

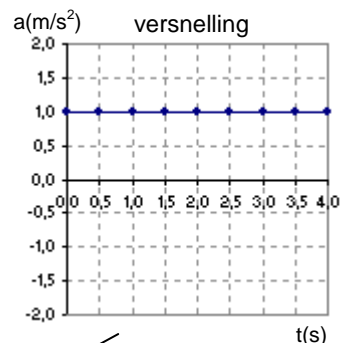
s = opp onder lijn



$$a = \Delta v / \Delta t$$

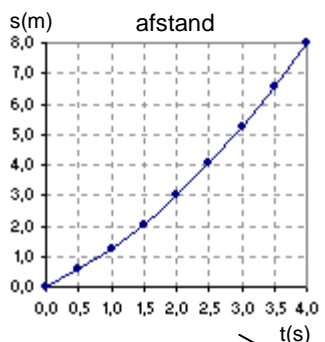
$$\Delta v = a \cdot \Delta t$$

$$v_e = v_b + \Delta v$$



$$s = v_b \cdot t + 0,5 \cdot a \cdot t^2$$

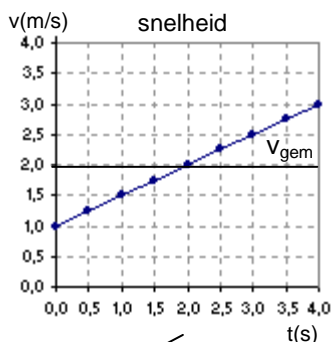
Constance versnelling met beginsnelheid (eenparig versnelde beweging)



$$v_{\text{gem}} = s / t$$

$$s = v_{\text{gem}} \cdot t$$

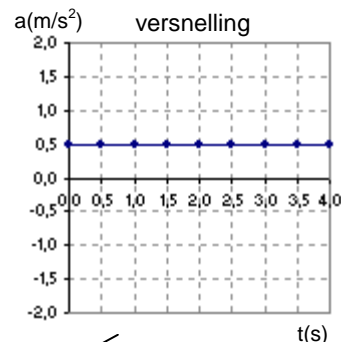
s = opp onder lijn



$$a = \Delta v / \Delta t$$

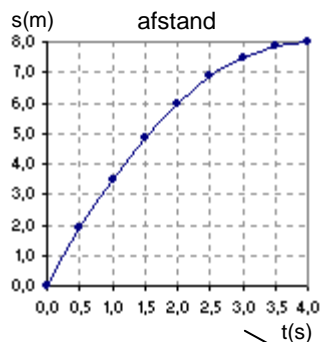
$$\Delta v = a \cdot \Delta t$$

$$v_e = v_b + \Delta v$$



$$s = v_b \cdot t + 0,5 \cdot a \cdot t^2$$

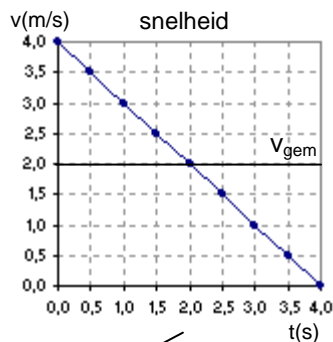
Constance vertraging (eenparig vertraagde beweging)



$$v_{\text{gem}} = s / t$$

$$s = v_{\text{gem}} \cdot t$$

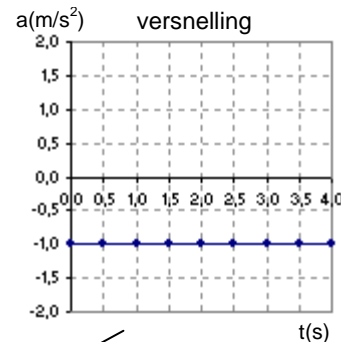
s = opp onder lijn



$$a = \Delta v / \Delta t$$

$$\Delta v = a \cdot \Delta t$$

$$v_e = v_b + \Delta v$$



$$s = v_b \cdot t + 0,5 \cdot a \cdot t^2$$

s = afstand
 Δv = snelheidsverandering ($v_e - v_b$)

Δt = tijdsverschil
 v_{gem} = gemiddelde snelheid

t = tijd
 v_b = beginsnelheid
 v_e = eindsnelheid