

Opmerkingen: Zie §10.2, blz. 387

Antwoord(en):

a.

$0 < x < 12$:

$$V_x = 12 - \frac{1}{6}x^2;$$

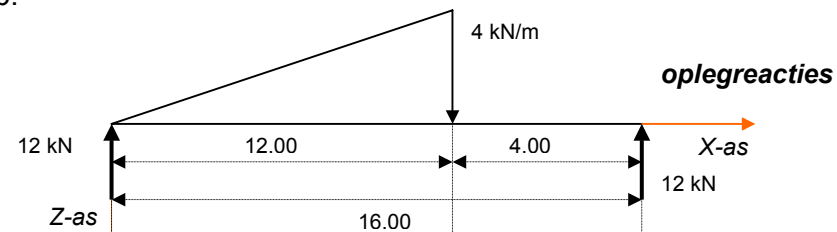
$$M_x = 12x - \frac{1}{18}x^3;$$

$12 < x < 16$:

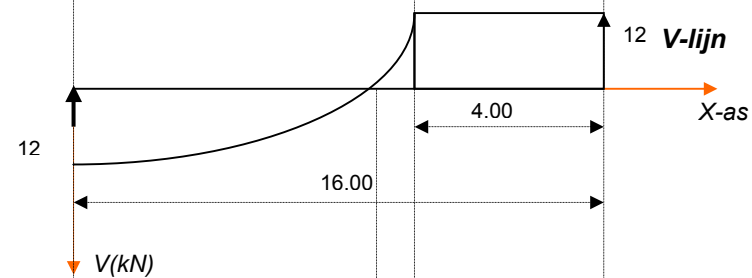
$$V_x = 12 - 24 = -12$$

$$M_x = 48 - 12(x - 12)$$

b.



c.



d.

