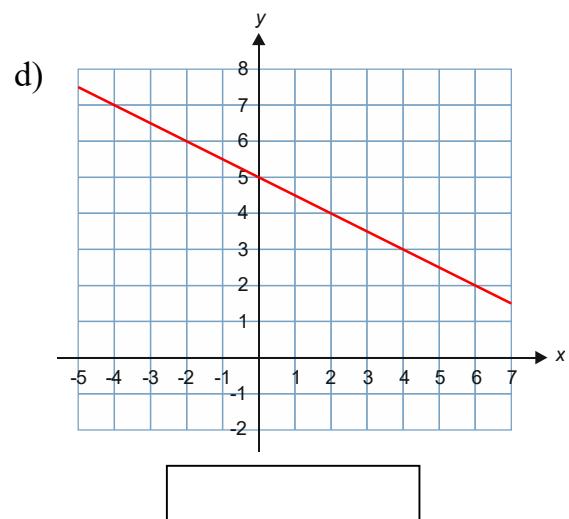
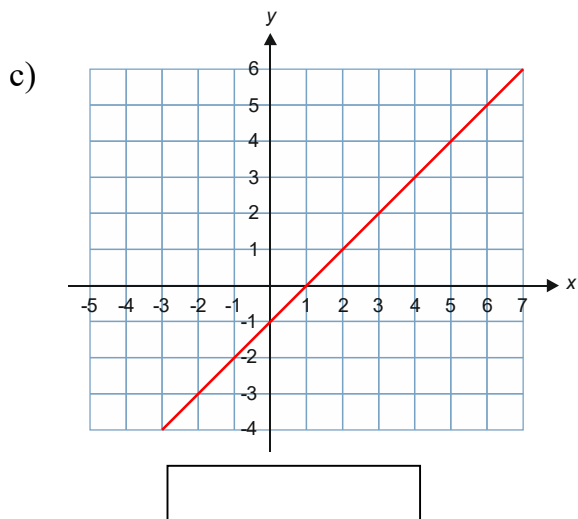
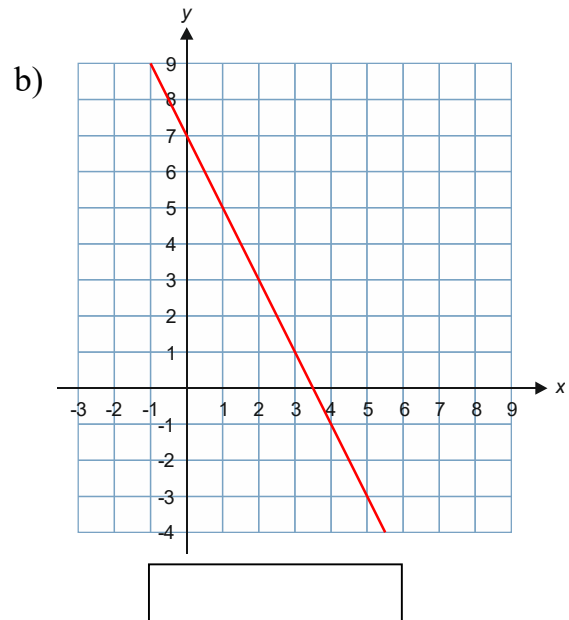
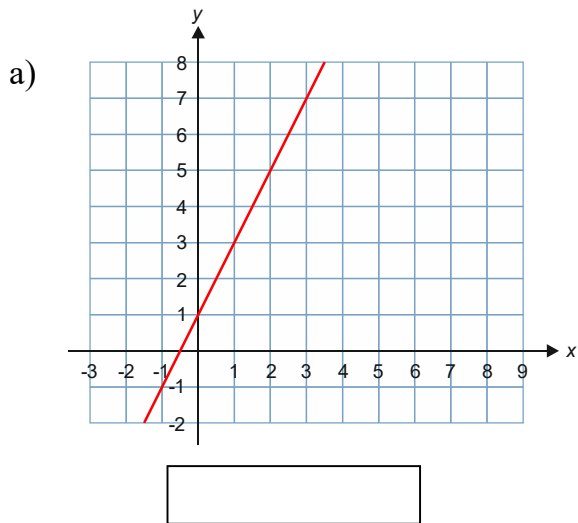
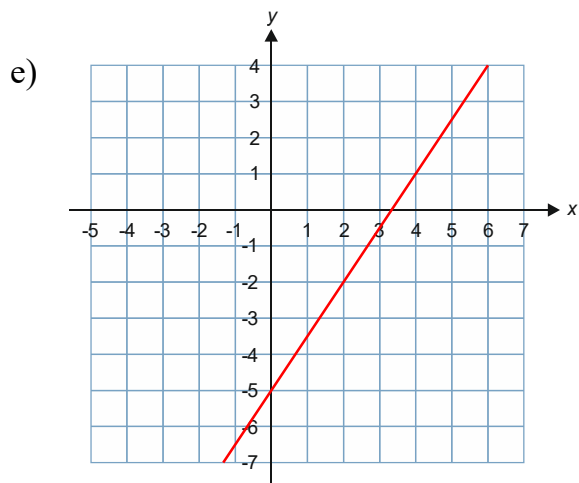


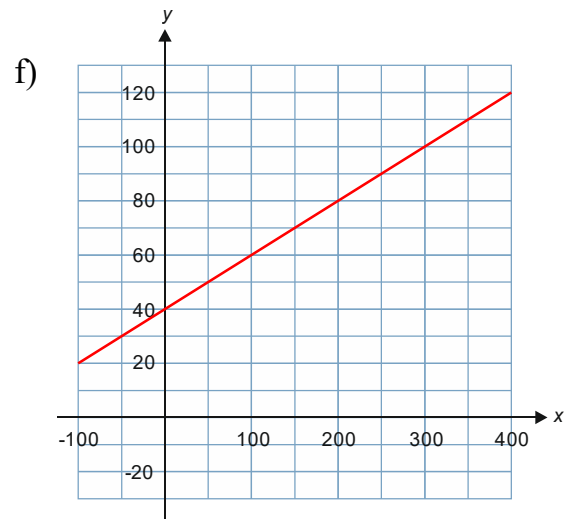
Opgaver i linjer og ligninger

Opgave 1

Opskriv linjens ligning i hvert tilfælde nedenfor.





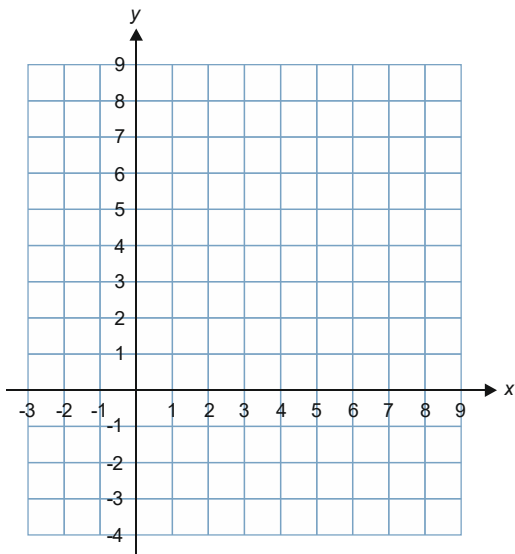


Opgave 2

Tegn linjen i koordinatsystemet for hvert af tilfældene nedenfor.

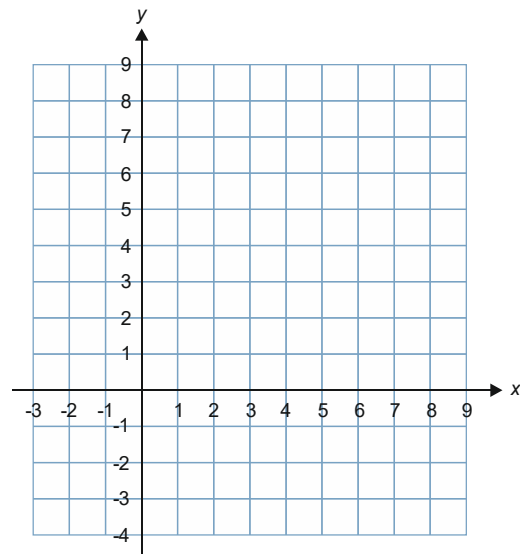
a)

$$y = 2x - 1$$



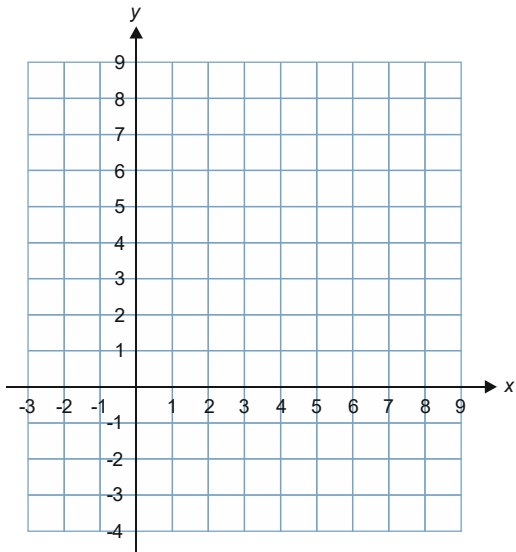
b)

$$y = x + 3$$



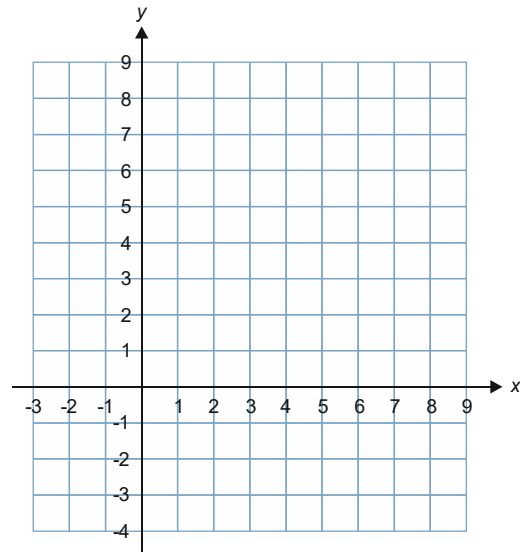
c)

$$y = -2x + 8$$



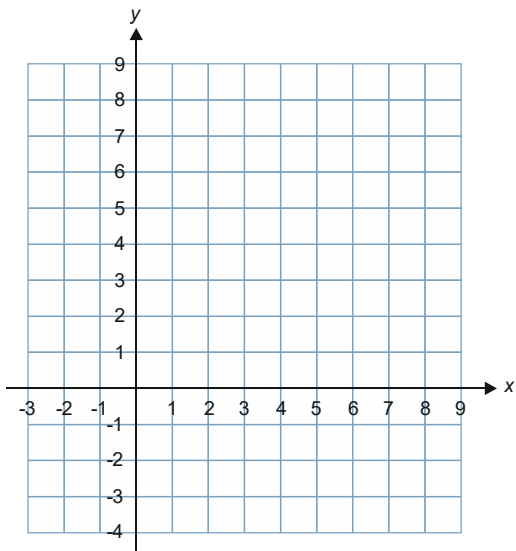
d)

$$y = \frac{1}{2}x + 4$$



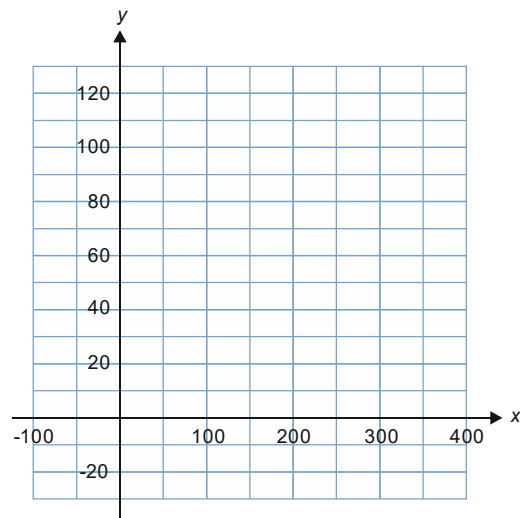
e)

$$y = -1,5x + 5$$



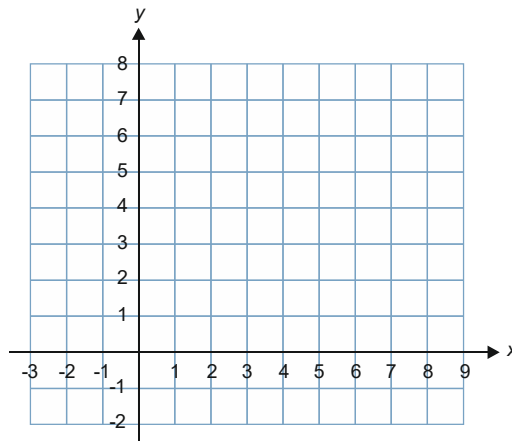
f)

$$y = 0,15x + 30$$



g)

$$y = 3$$



Opgave 3

Løs følgende ligninger ved beregning:

a) $7x + 2 = x + 14$

b) $3x - 2 = 5x + 6$

c) $3.2x = 1.8x + 5.7$

Opgave 4

Løs ligningen $-0.5x + 4 = 1.5x - 2$ både grafisk og ved beregning.

