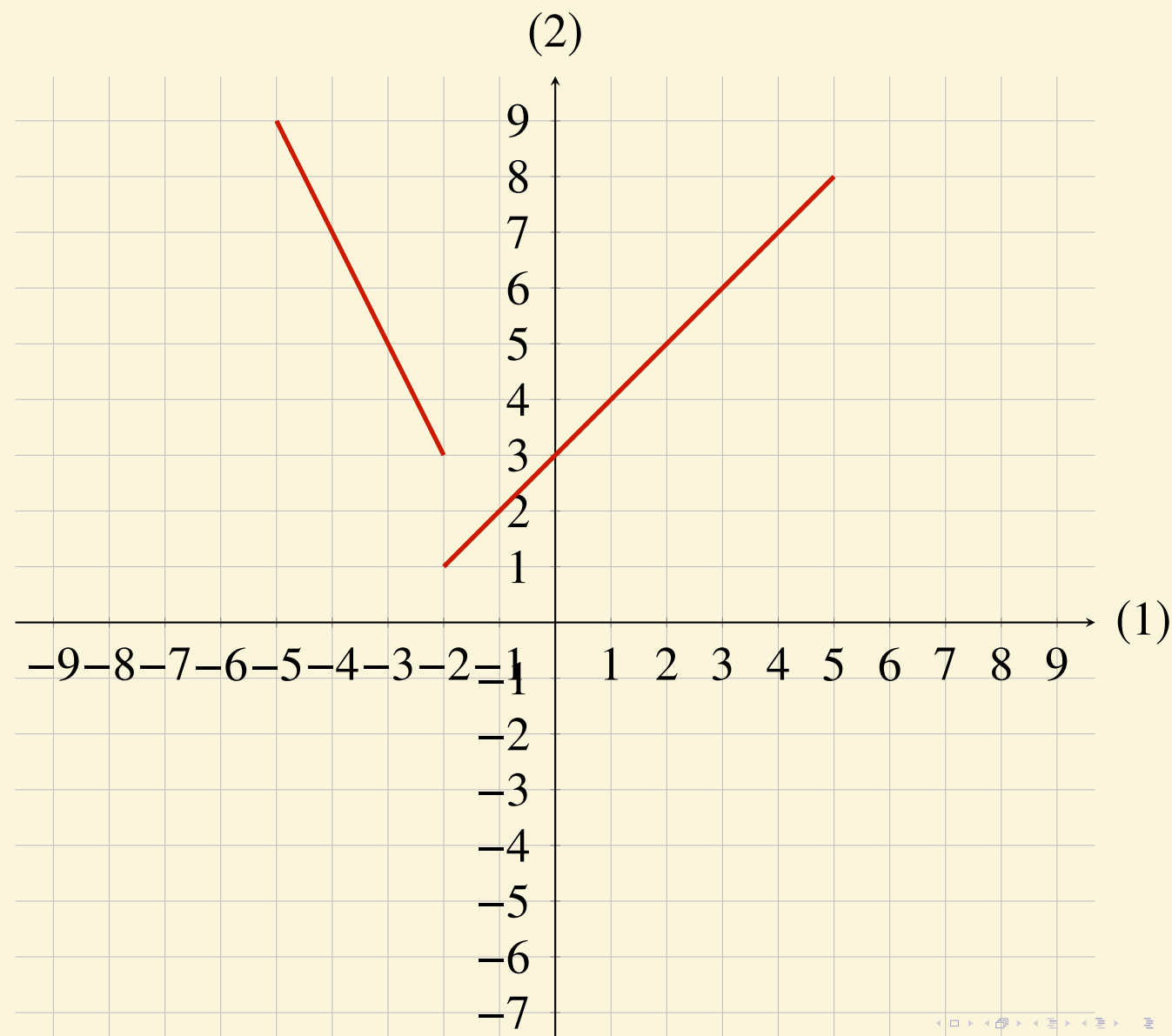


# Stykkevis lineær

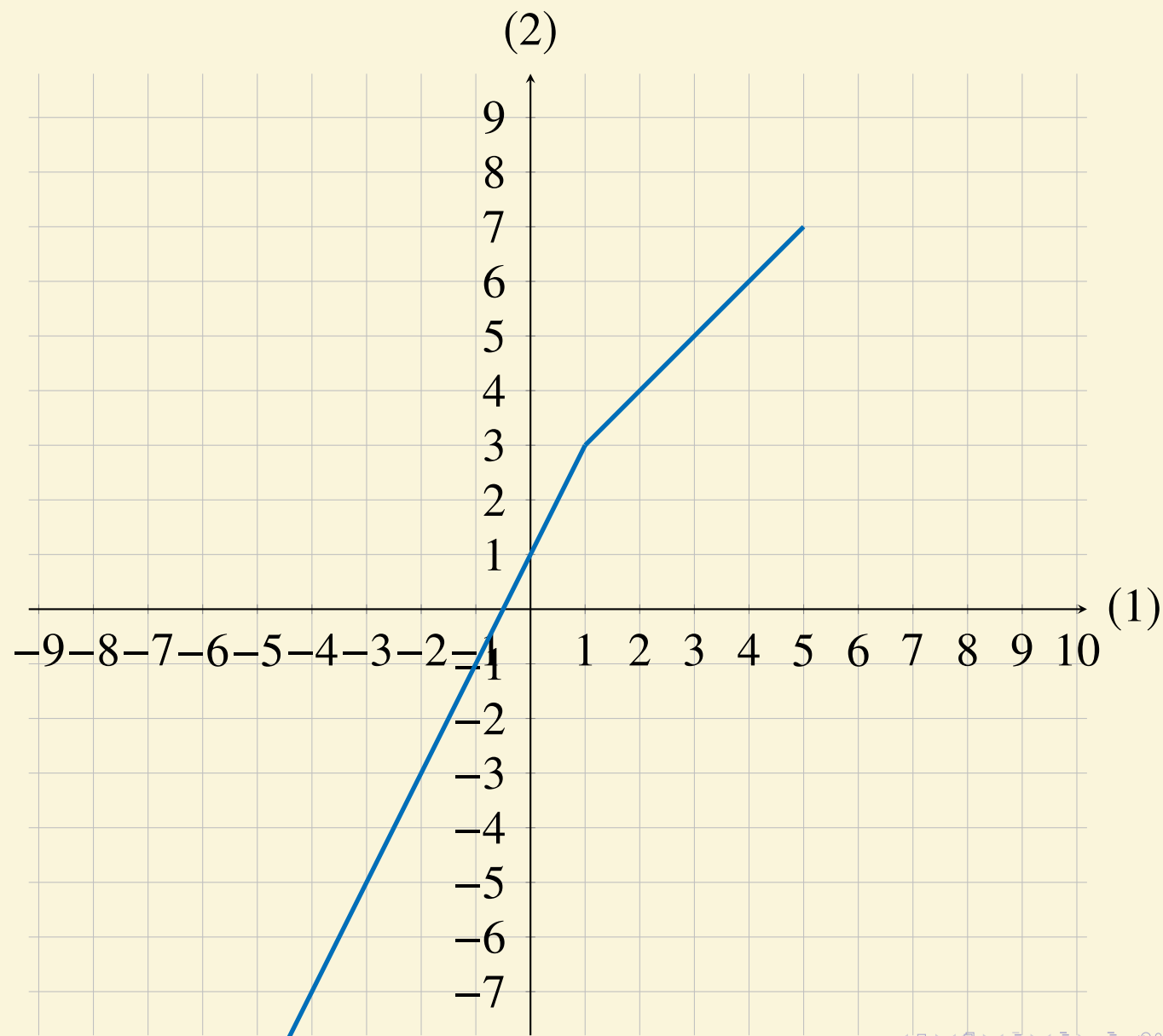
7. februar 2018

$$f(x) = \begin{cases} -2x - 1 & x \leq -2 \\ x + 3 & x > -2 \end{cases}$$



$$f(x) = \begin{cases} 2x + 1 & x \leq 1 \\ x + 2 & x > 1 \end{cases}$$

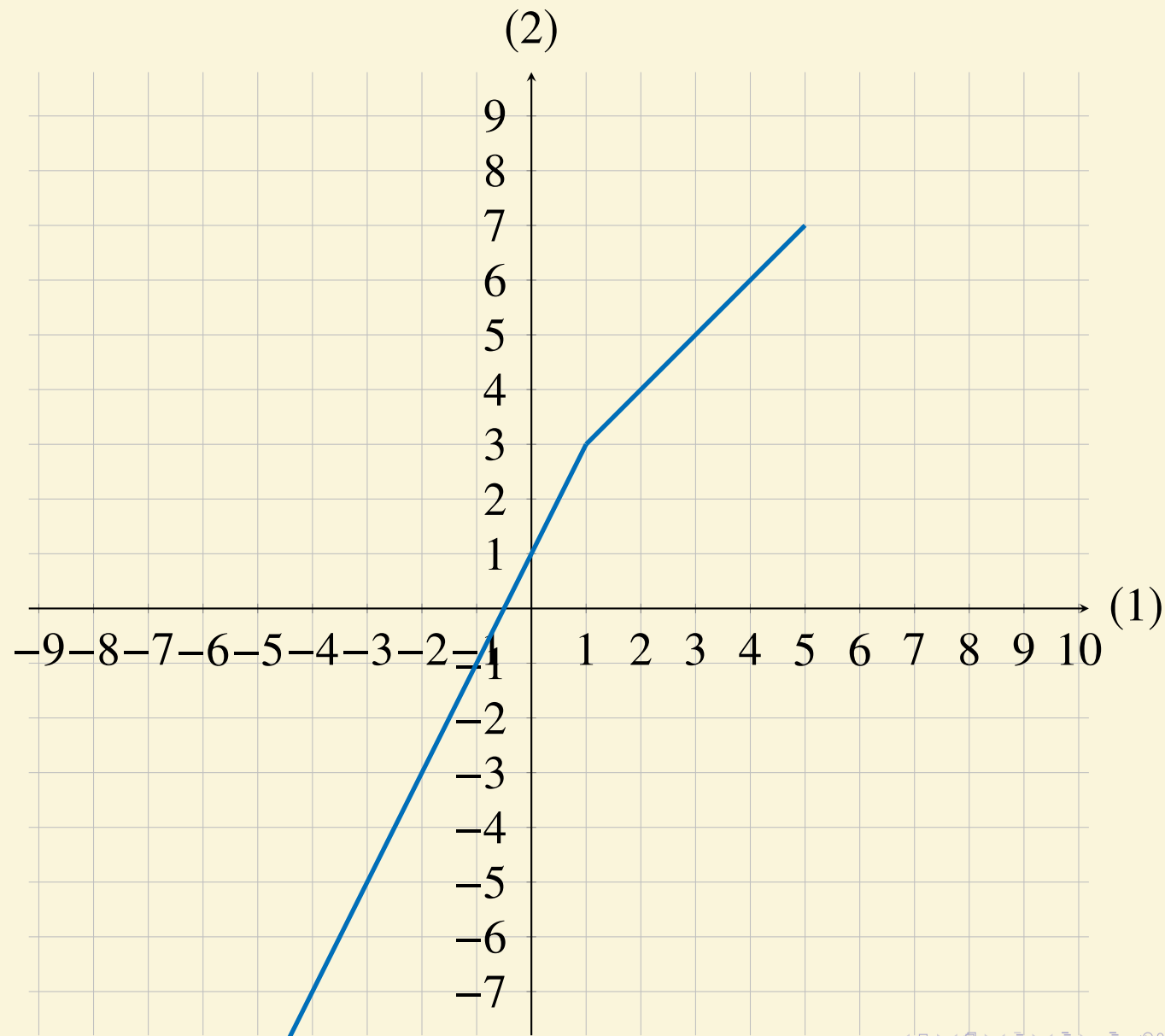
Bestem  $f(-3)$  og  $f(2)$ .



$$f(x) = \begin{cases} 2x + 1 & x \leq 1 \\ x + 2 & x > 1 \end{cases}$$

Bestem  $f(-3)$  og  $f(2)$ .

$$f(-3) = 2 \cdot (-3) + 1 = -6 + 1 = -5$$

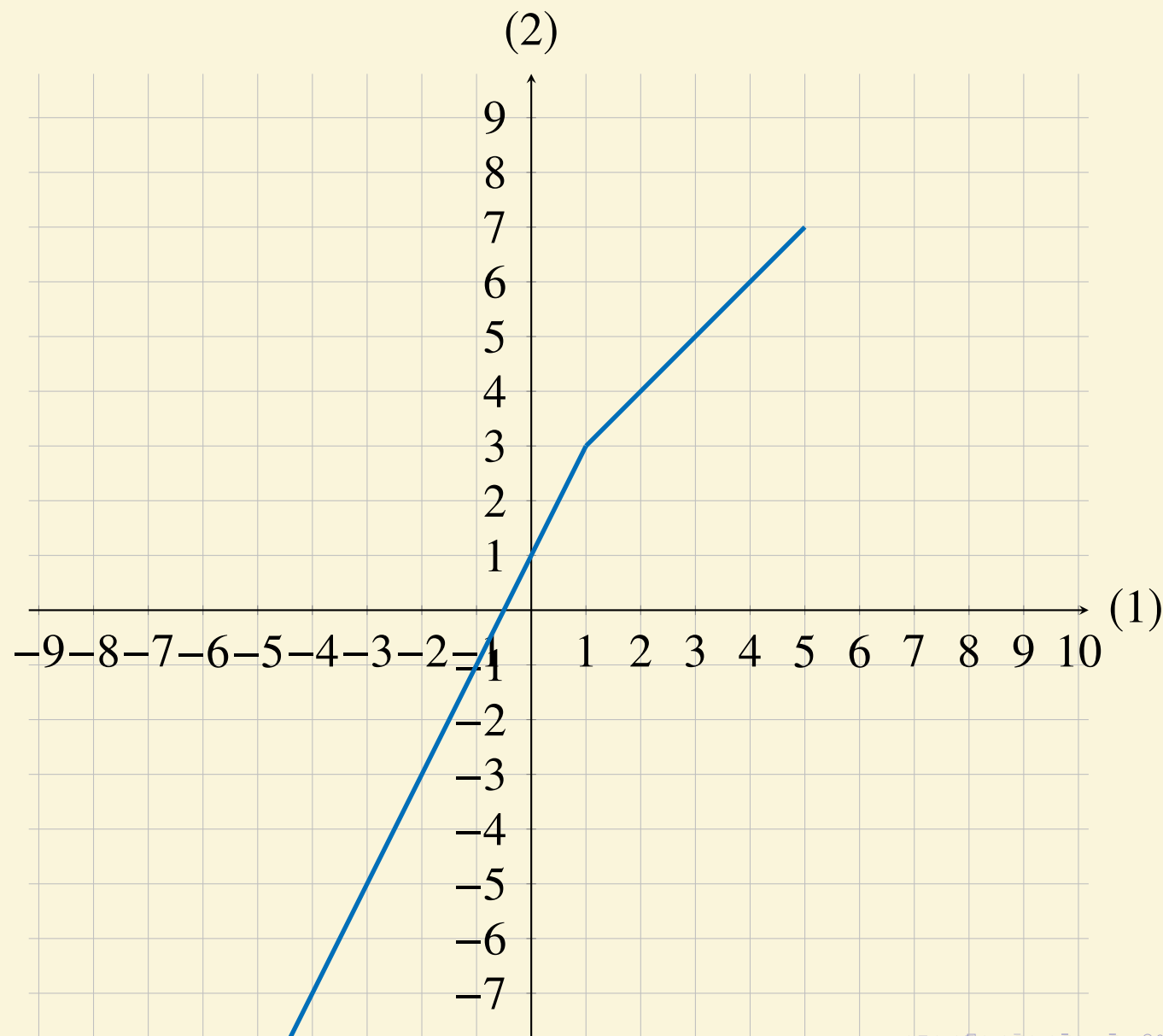


$$f(x) = \begin{cases} 2x + 1 & x \leq 1 \\ x + 2 & x > 1 \end{cases}$$

Bestem  $f(-3)$  og  $f(2)$ .

$$f(-3) = 2 \cdot (-3) + 1 = -6 + 1 = -5$$

$$f(2) = 2 + 2 = 4$$



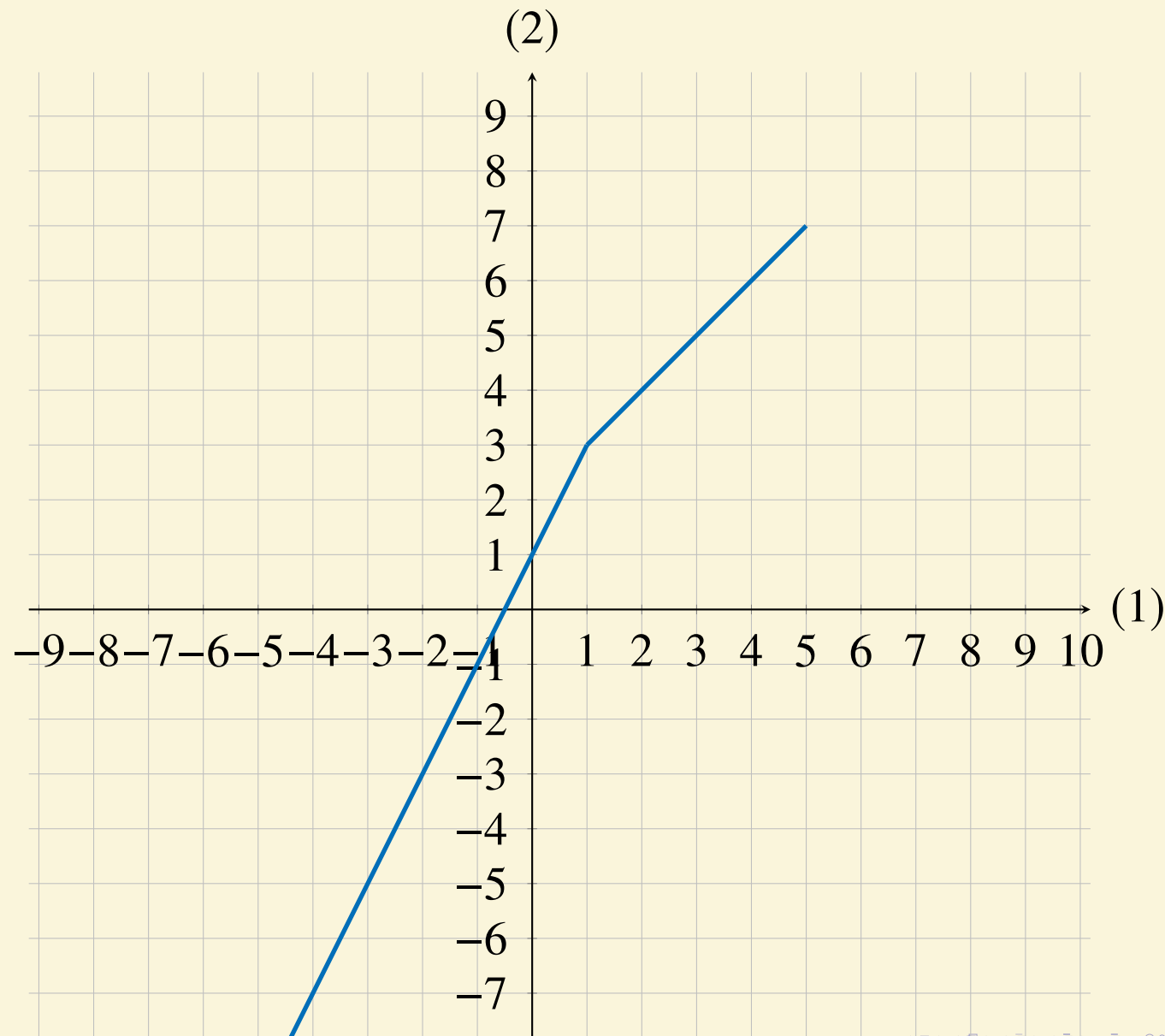
$$f(x) = \begin{cases} 2x + 1 & x \leq 1 \\ x + 2 & x > 1 \end{cases}$$

Bestem  $f(-3)$  og  $f(2)$ .

$$f(-3) = 2 \cdot (-3) + 1 = -6 + 1 = -5$$

$$f(2) = 2 + 2 = 4$$

Løs ligningen  $f(x) = 6$



$$f(x) = \begin{cases} 2x + 1 & x \leq 1 \\ x + 2 & x > 1 \end{cases}$$

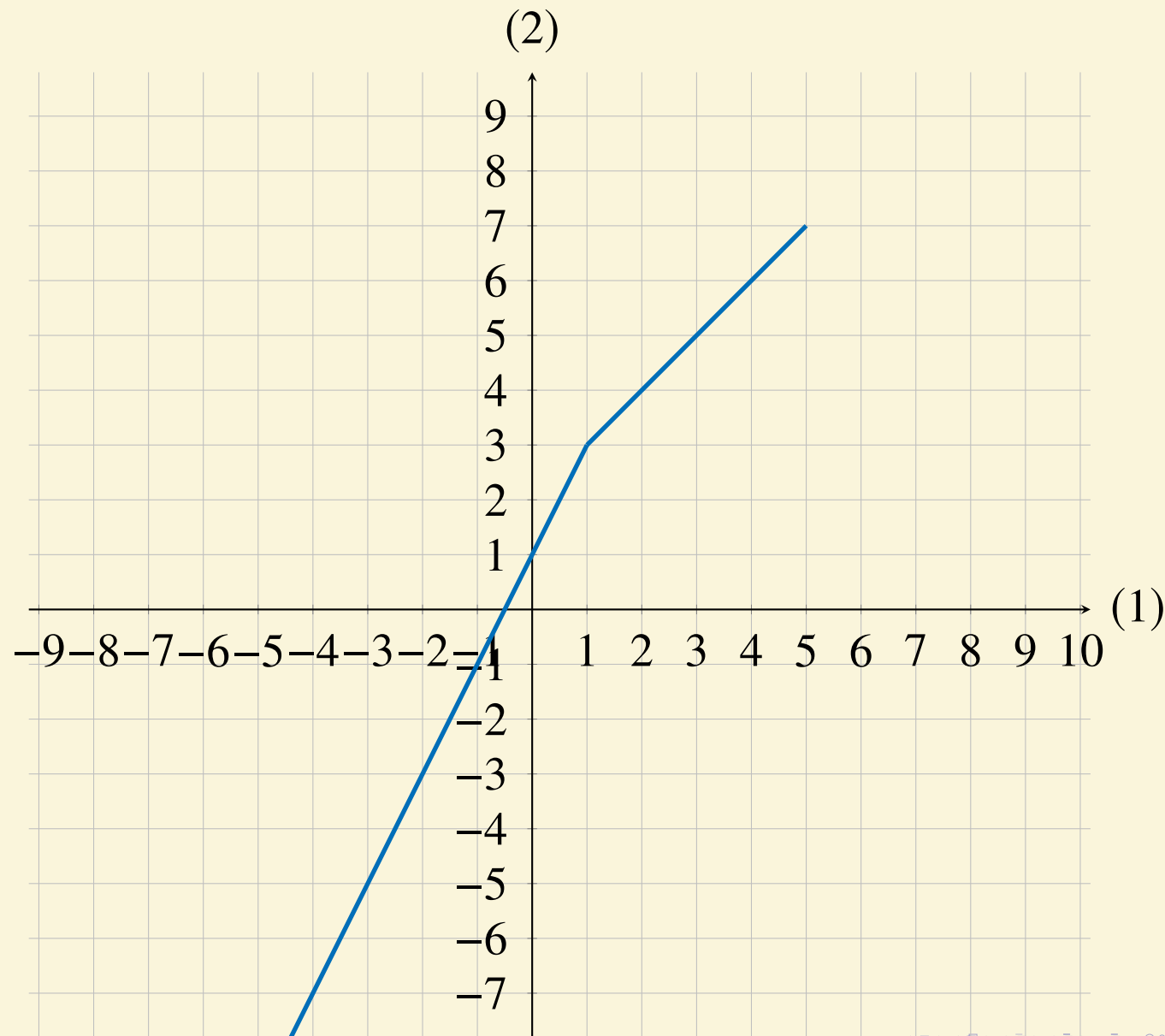
Bestem  $f(-3)$  og  $f(2)$ .

$$f(-3) = 2 \cdot (-3) + 1 = -6 + 1 = -5$$

$$f(2) = 2 + 2 = 4$$

Løs ligningen  $f(x) = 6$

$$2x + 1 = 6 \Leftrightarrow 2x = 5 \Leftrightarrow x = \frac{5}{2} = 2.5$$



$$f(x) = \begin{cases} 2x + 1 & x \leq 1 \\ x + 2 & x > 1 \end{cases}$$

Bestem  $f(-3)$  og  $f(2)$ .

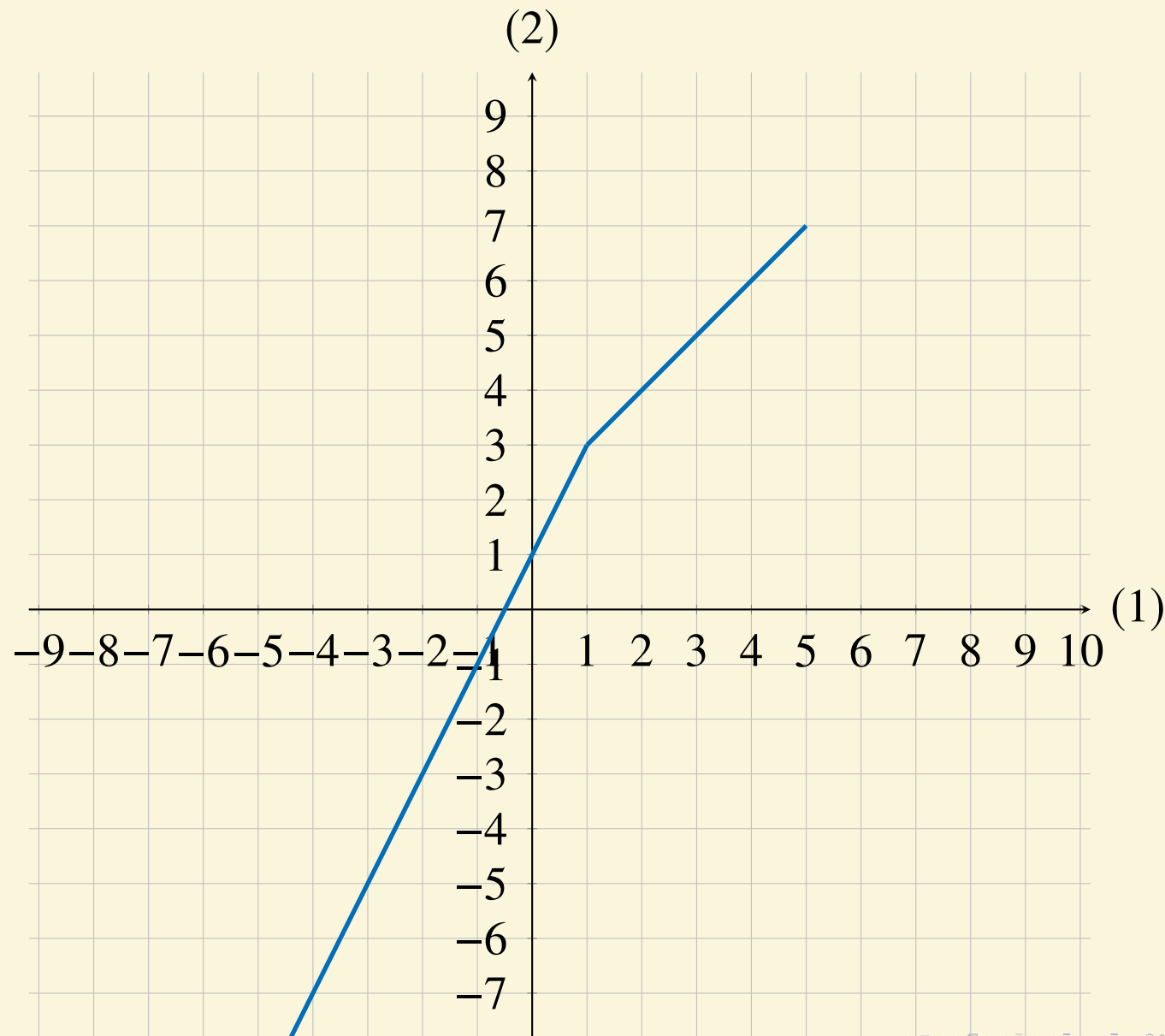
$$f(-3) = 2 \cdot (-3) + 1 = -6 + 1 = -5$$

$$f(2) = 2 + 2 = 4$$

Løs ligningen  $f(x) = 6$

$$2x + 1 = 6 \Leftrightarrow 2x = 5 \Leftrightarrow x = \frac{5}{2} = 2.5$$

$$x + 2 = 6 \Leftrightarrow x = 4$$



$$f(x) = \begin{cases} 2x + 1 & x \leq 1 \\ x + 2 & x > 1 \end{cases}$$

Bestem  $f(-3)$  og  $f(2)$ .

$$f(-3) = 2 \cdot (-3) + 1 = -6 + 1 = -5$$

$$f(2) = 2 + 2 = 4$$

Løs ligningen  $f(x) = 6$

$$2x + 1 = 6 \Leftrightarrow 2x = 5 \Leftrightarrow x = \frac{5}{2} = 2.5$$

$$x + 2 = 6 \Leftrightarrow x = 4$$

