

Afbeeldingen oefening 4 Antwoorden

Opgave 1

- a. S_{y-as} : $y = x^2 + 3x - 1$ \rightarrow $y = y = x^2 - 3x - 1$
- b. $T\begin{pmatrix} 4 \\ 3 \end{pmatrix}$: $y = \frac{1}{x}$ \rightarrow $y = y = \frac{1}{x-4} + 3$
- c. $L_{x-as,2}$: $y = \sqrt{x+3}$ \rightarrow $y = y = 2\sqrt{x+3}$
- d. $L_{y-as,\frac{1}{2}}$: $y = \log(x+5)$ \rightarrow $y = y = \log(2x+5)$

Opgave 1

- a. $L_{y-as,\frac{1}{2}}$: $y = \log(x+5)$ \rightarrow $y = \log(2x+5)$
- b. S_{y-as} : $y = x - x^2$ \rightarrow $y = -x - x^2$
- c. $T\begin{pmatrix} 5 \\ -1 \end{pmatrix}$: $y = x^2 + 3x$ \rightarrow $y = x^2 - 7x + 9$
- d. $L_{x-as,\frac{2}{3}}$: $y = \sqrt{x-2}$ \rightarrow $y = \frac{2}{3}\sqrt{x-2}$
- e. $L_{y-as,-5}$: $y = \log(x+4)$ \rightarrow $y = \log(-\frac{1}{5}x+4)$

$$S_{y-as} : \quad y = x - x^2 \quad \rightarrow \quad y = -x - x^2$$

$$T\begin{pmatrix} 5 \\ -1 \end{pmatrix} : \quad y = x^2 + 3x \quad \rightarrow \quad y = x^2 - 7x + 9$$

$$L_{x-as,\frac{2}{3}} : \quad y = \sqrt{x-2} \quad \rightarrow \quad y = \frac{2}{3}\sqrt{x-2}$$

$$L_{y-as,-5} : \quad y = \log(x+4) \quad \rightarrow \quad y = \log(-\frac{1}{5}x+4)$$