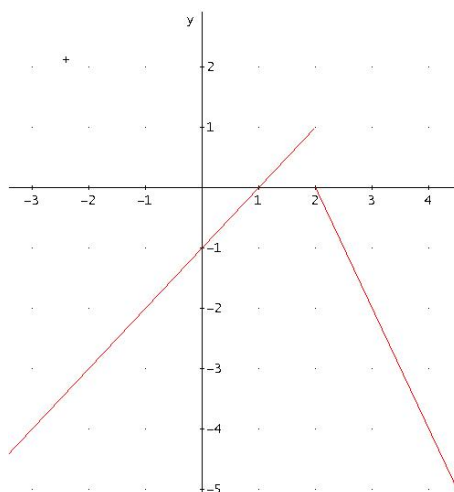


1. letnik LINEARNA FUNKCIJA - 3. del

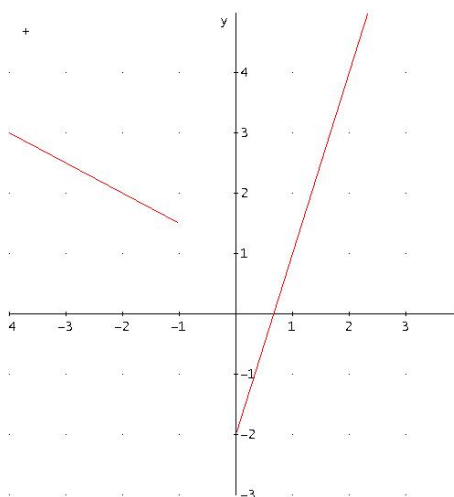
1. Narišite graf funkcije:

$$f(x) = \begin{cases} x - 1; & x \leq 2 \\ -2x + 4; & x > 2 \end{cases}$$

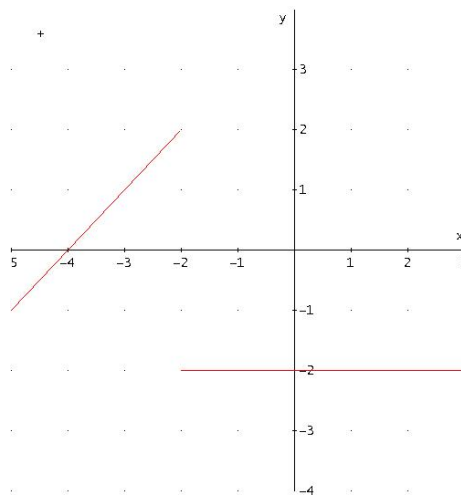


2. Narišite graf funkcije:

$$f(x) = \begin{cases} -\frac{1}{2}x + 1; & x < -1 \\ 3x - 2; & x > 0 \end{cases}$$

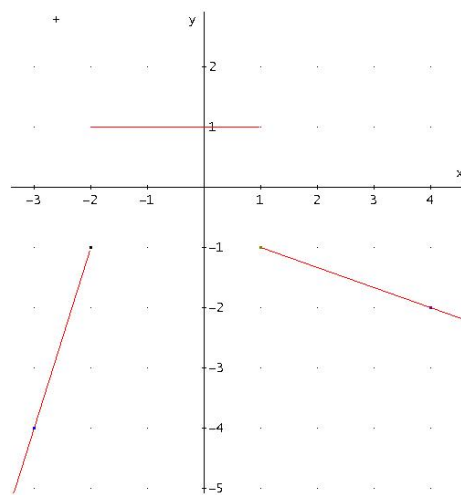


3. Zapišite predpis za funkcijo, katere graf je na sliki:



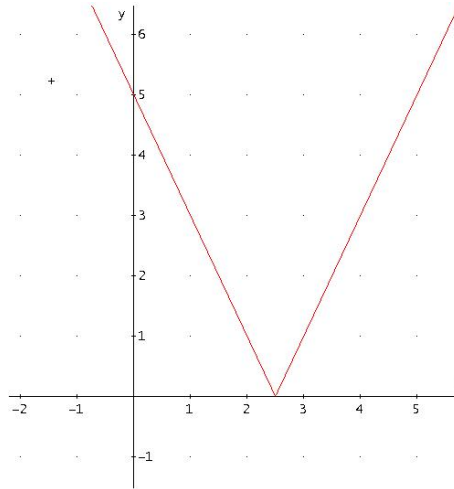
$$f(x) = \begin{cases} x + 2; & x < -1 \\ -1; & x \geq -1 \end{cases}$$

4. Zapišite predpis za funkcijo, katere graf je na sliki:

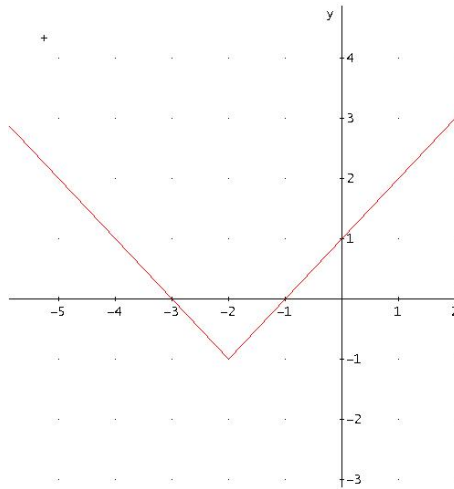


$$f(x) = \begin{cases} 3x + 5; & x \leq -2 \\ 1; & -2 < x < 1 \\ -\frac{1}{3}x - \frac{2}{3}; & x \geq 1 \end{cases}$$

5. Narišite graf funkcije $f(x) = |2x - 5|$



6. Narišite graf funkcije $f(x) = |x + 2| - 1$



7. (Vaja za nazaj) Poenostavite:

$$\frac{x^2 - 25}{15 - x} \cdot \left(\frac{2x}{x - 5} - 3 \right) \quad [x + 5]$$

8. (Vaja za nazaj) Poenostavite:

$$\left(\frac{x - 3}{x - 4} - \frac{x + 1}{x - 1} \right) \cdot \frac{x - 1}{x - 7} \quad \left[-\frac{1}{x - 4} \right]$$