

Graf funkcije $f(x) = |x|$

1. Povežite zadane funkcije s odgovarajućim grafom:

a) $f(x) = -\frac{3}{2}|x| + 1$

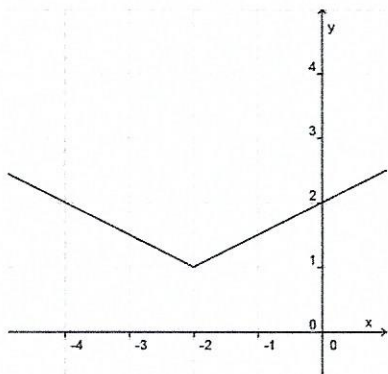
b) $f(x) = \frac{1}{2}|x+2| + 1$

c) $f(x) = \frac{3}{2}|x| + 1$

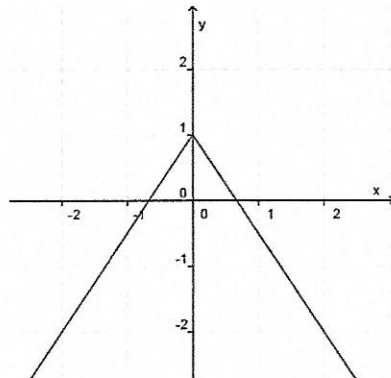
d) $f(x) = -\frac{1}{2}|x| + 1$

e) $f(x) = -\frac{1}{2}|x+2| + 1$

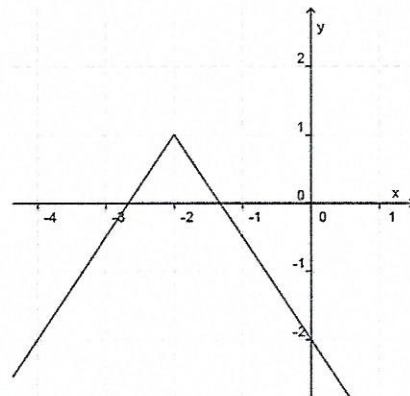
f) $f(x) = -\frac{3}{2}|x+2| + 1$



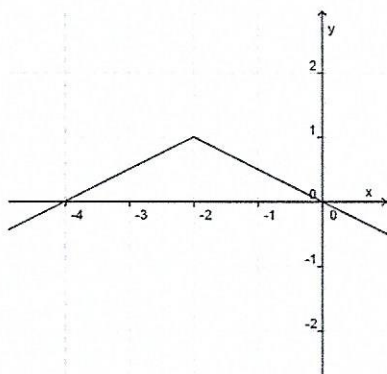
b



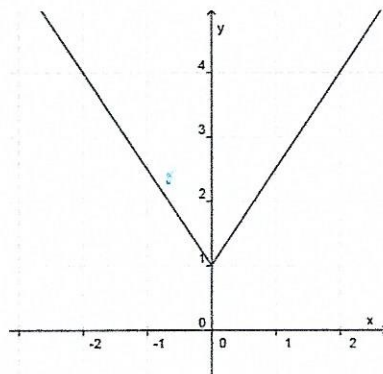
a



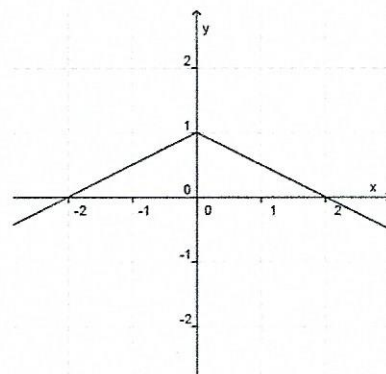
f



e



c



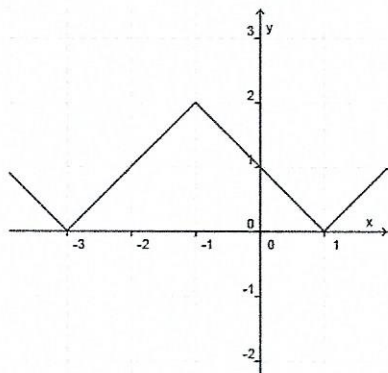
d

2. Povežite zadane funkcije s odgovarajućim grafom:

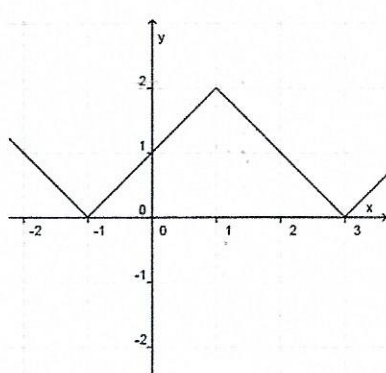
a) $f(x) = |x+1| + 2$

b) $f(x) = |x+1| - 2$

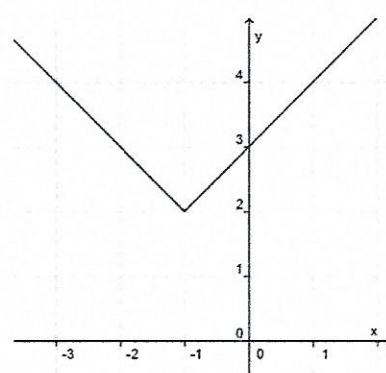
c) $f(x) = |x-1| - 2$



b



c



a

3. Očitajte jednačbu funkcije koja odgovara grafu. $f(x) = 2|x| - 2$

4. Odredite površinu lika što ga graf funkcije zatvara s osi apscisa.

$$P = \frac{2 \cdot 2}{2} = 2 \text{ kv. jed.}$$

