

4,5. Dodatek k funkcím s abs. hodnotou

Úloha 1. Načrtněte grafy funkcí

(a) $y = |3x + 2| - 2x - |2x - 2|$

(b) $y = |1 - x| - |2x - 3| - |x| + 4$

(c) $y = |x - x^2 + 2| - 1$

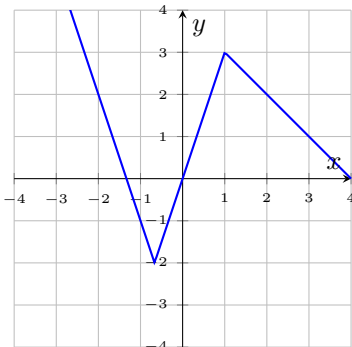
(d) $y = x^2 + x - 2|x|$

(e) $y = \frac{1}{2}x^2 + \frac{1}{2}|x + 2| \cdot x$

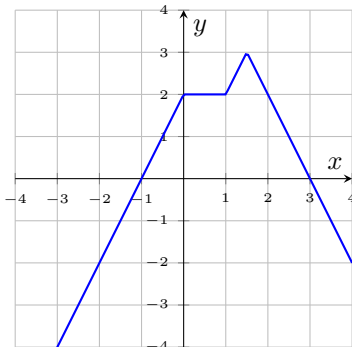
(f) $y = |x| - |x^2 - 1| + 1$

Výsledky

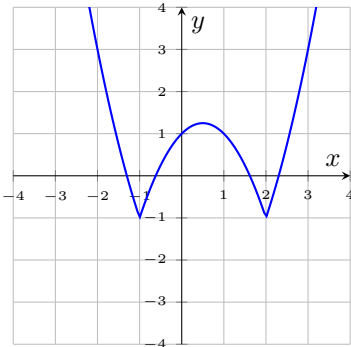
1. (a)



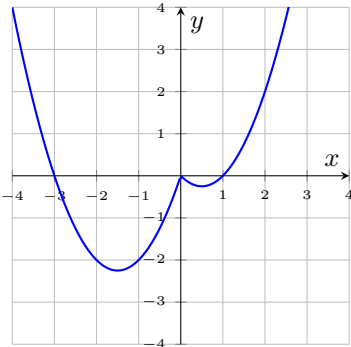
(b)



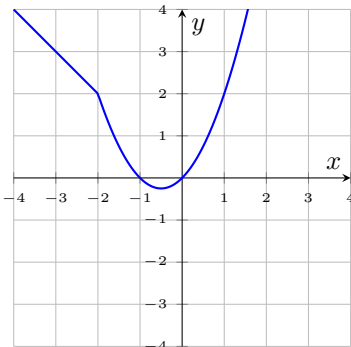
(c)



(d)



(e)



(f)

