(2) $\int \log|1+x|dx$

    (a) na $(-1, \infty)$: $\int \log(1+x)dx = (x+1)(\log|x+1|+1) + c_1$

    (b) na $(-\infty, -1)$: $\int \log(-x-1)dx = -(-x-1)(\log|-x-1|+1)+c_2 =$
       $= (x+1)(\log|x+1|+1) + c_2$

   pro $c_1 = c_2 = c$ na $(-\infty, -1)$ a $(-1, \infty):$
   $\int \log|1+x|dx = (x+1)(\log|x+1|+1) + c, c \in R$

Václav Luňák