

Challenge Problem 7

(due April 17, along with Challenge Problem 8)

Math 130 *Kovitz* Spring 2018

1. Solve for x :

$$\log_2(x-1) - \log_2(x+1) = -1/2.$$

Check your solutions in the original equation to determine if they are valid.

2. Solve for x :

$$\frac{\log_2(x-1)}{\log_2(x+1)} = -1/2.$$

Check your solutions in the original equation to determine if they are valid.