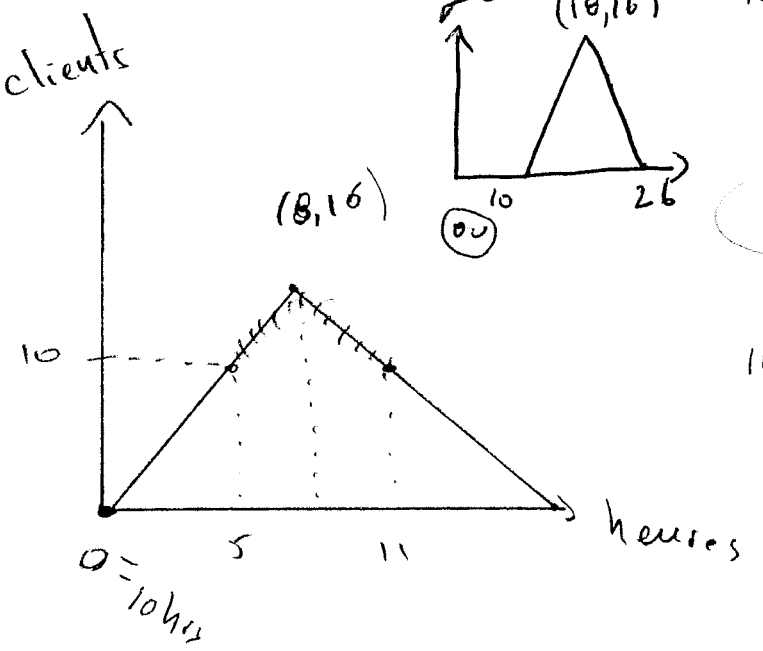
corrigé

#9



$y = -2|x-8| + 16$

$10 \leq -2|x-8| + 16$

$3 = |x-8|$

$3 = x-8 \quad -3 = x-8$

$11 = x \quad 5 = x$

pendant 6 hrs

Il y a fonctionne aussi avec 10 heures

#11

a) $-|2x+3| + 2 = -4$

$|2x+3| = 6$

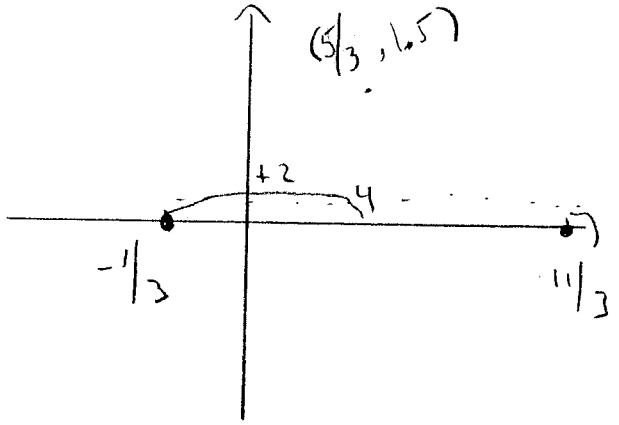
$2x+3 = 6 \quad 2x+3 = -6$

$x = \frac{3}{2}$ ou $x = -1,5$

$x = \frac{-9}{2}$ ou $x = -4,5$

b) $-2 - |3x+1| = 1$

$\emptyset$

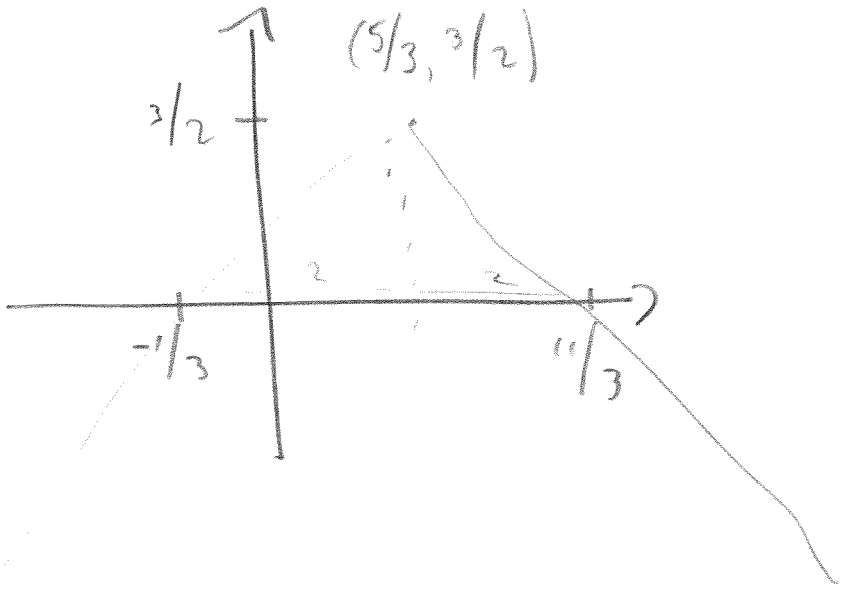


$y = \frac{-3}{4}|x - 5/3| + 1.5$

$\frac{-1}{3} + \frac{2}{1}$

6

#3 $g(x) = a|x-h| + k$



$$\frac{-1}{3} + \frac{2}{1} = \frac{-1}{3} + \frac{6}{1} = \frac{5}{3}$$

$(-1/3, 0)\ (5/3, 3/2)$

$$\frac{3/2 - 0}{5/3 + 1/3} = \frac{3/2}{2} = \frac{3}{2} \times \frac{1}{2} = \frac{3}{4}$$

$$y = -\frac{3}{4}|x - 5/3| + 3/2$$