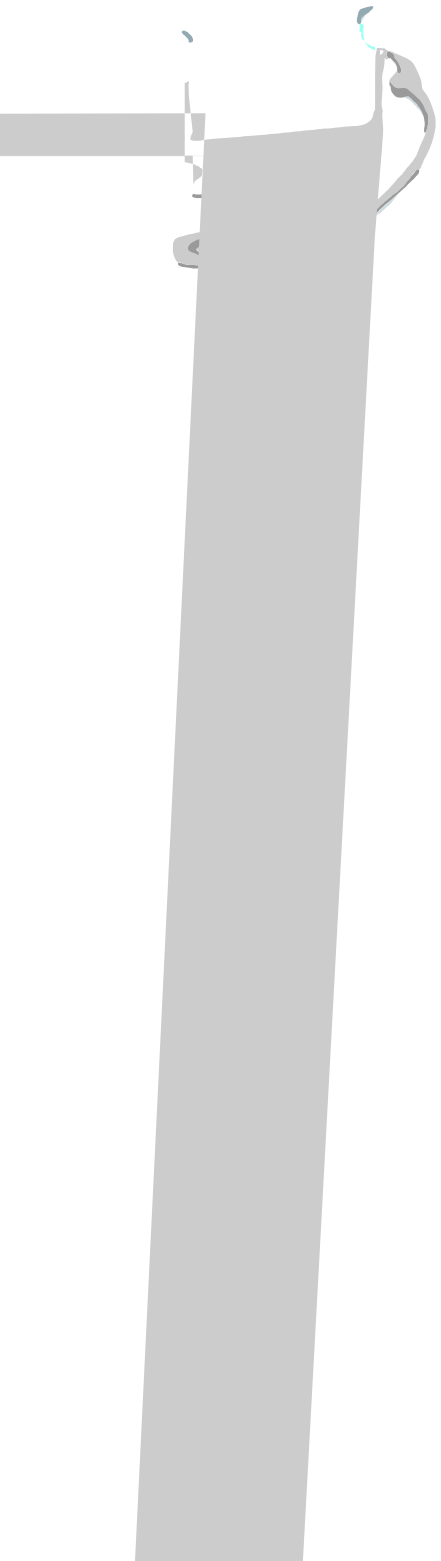
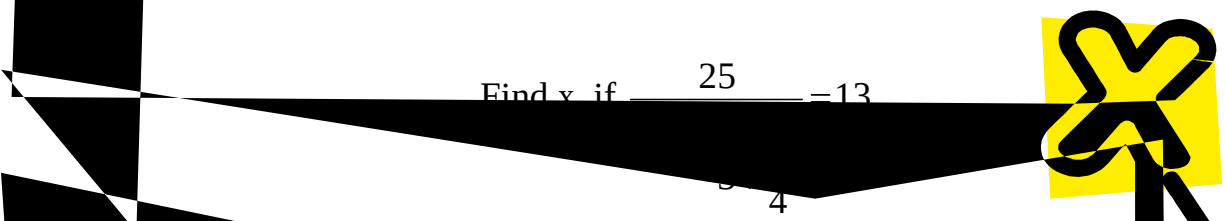


ROUND #2



Find x, if $\frac{25}{\quad} = 13$

$\quad 4$

ROUND #4

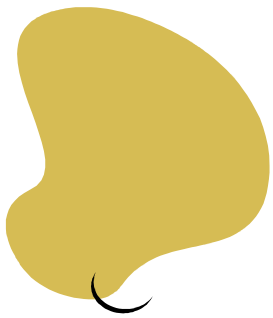
The manager of an 80-unit apartment complex knows from experience that at a rate of $300 all the units will be full. On average, one additional unit will remain vacant for each $20 increase in rent over $300. Furthermore, the manager must keep at least 30 units rented due to other financia

ROUND #5

ROUND #6

ROUND #8

Solve the equation (give all answers): $\log_{64} x - \log_{x} 64 = \frac{5}{6}$



ROUND #9

ROUND #10

Find one set of distinct values of the integers a, b, c, and d where $a^3 + b^3 + c^3 + d^3 = 0$