



# the ugly **LEGO** castle project

10 towers made of 8 bricks each of different colours and sizes  
Towers linked by 10 thin bricks

Searching for a brick of the right colour and size  $\rightarrow$  5 seconds

Adding a brick to another one or to an assembly  $\rightarrow$  3 seconds

Placing an assembly on the green plate  $\rightarrow$  6 seconds

Unit prices of a brick & of a building plate  $\rightarrow$  0.50 \$ & 5.00 \$

Manpower costs  $\rightarrow$  0.05 \$/second

$a = 7.15$   
 $b = 0.53$  } Chilton law

Figures from past projects

Your task: estimating  
the cost of this project  
by various means

