



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 → 5 seconds

Adding a brick to another one or to an assembly → 3 seconds

Placing an assembly on the green plate → 6 seconds

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

Manpower costs → 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**

