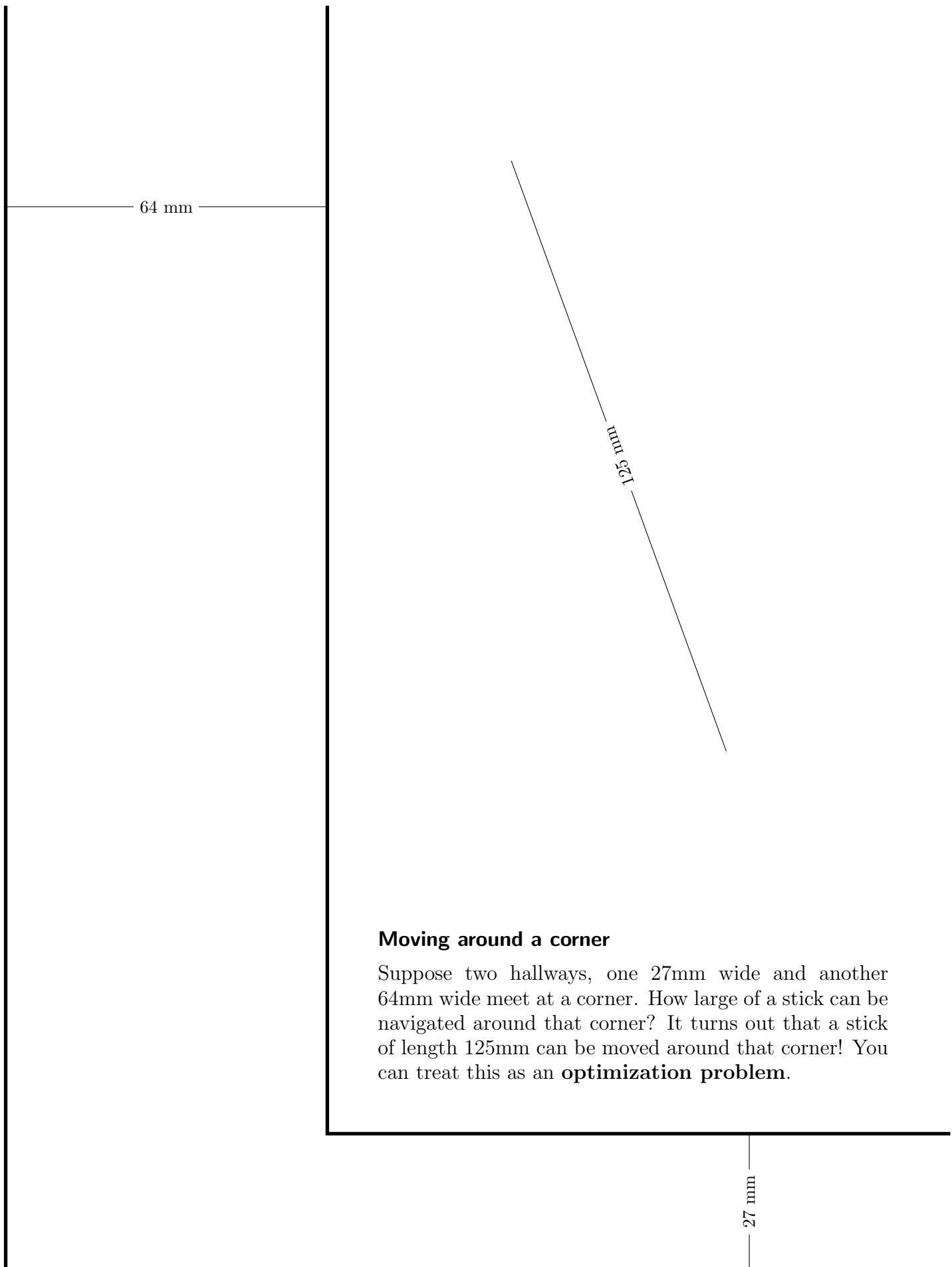




Moving around a corner

Suppose two hallways, one 27mm wide and another 64mm wide meet at a corner. How large of a stick can be navigated around that corner? It turns out that a stick of length 125mm can be moved around that corner! You can treat this as an **optimization problem**.