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**VIVA ACCESS LTD****CASE STUDY****Betty**

Betty is an 85 year-old woman who lives with her daughter and grandchildren in a two storey council house. She has numerous medical conditions including arthritis, angina and peripheral vascular disease, and is a full time wheelchair user. Her family complain of difficulty getting her in and out of the property, as there are two steep steps at the front door. The local transport service refuses to take her to her day centre for the same reason.

**EXERCISE A:**

Design a straight-approach ramp.

What is the gradient and is this acceptable?

**EXERCISE B:**

Design an angled-approach ramp.

It should travel counter-clockwise around the garden i.e. should turn right as Betty exits the house. You should consider moving the gateway along the wall to the far corner in order to increase space available.

What will the gradient be and will this be acceptable?