



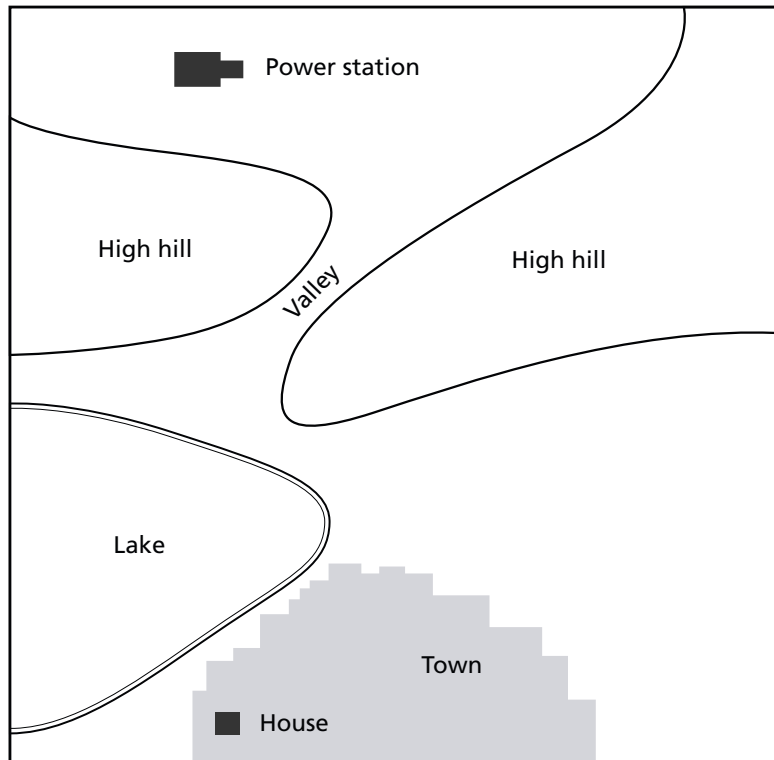
Name: Form:

Based on pages 22 and 23 of *Changing circuits*

Can you supply the water?

Try this...

1. Look at the map. The map shows the position of a power station, hills, a valley, a lake, a town and a house in the town.



Key

— × — × — A
----- B

2. Look at the two symbols on the key to the map. The symbol for a transmission line is shown at A, and the symbol for an underground cable is shown at B.

3. Read this: **It is cheaper to supply power by transmission lines. It is safer to supply power by underground cables in places where there are a lot of people.**

4. You have to show how you would transfer electricity from the power station to the house as cheaply and safely as possible. To do this, you must draw in the path of the power line, and show where you would use transmission lines and where you would use underground cables.

5. Explain why you have used the path you did.



.....



.....