

Handout 2: Fairy lights

Rachel is planning to hang fairy lights around the edge of her room.

Each string of lights is 2 m in length. Each string costs £2.50 and she has a budget of £30.

She won't hang lights in the doorway.

Use the diagram to calculate if she has enough money.

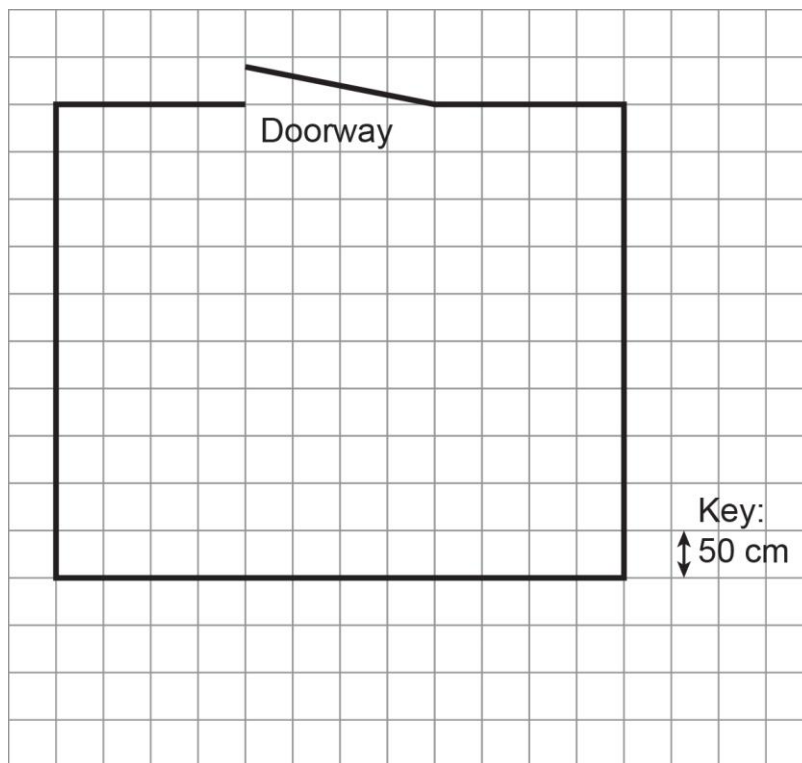


Diagram not drawn to scale

Radhika is also planning to decorate her room with fairy lights.

She buys light strings which are 145 cm in length. She hangs lights around the whole room except for above her wardrobe.

How many strings of lights does she need to buy?

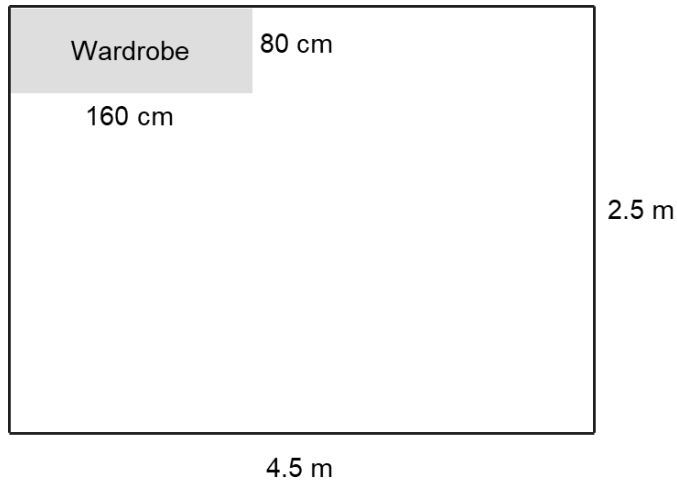


Diagram not drawn to scale