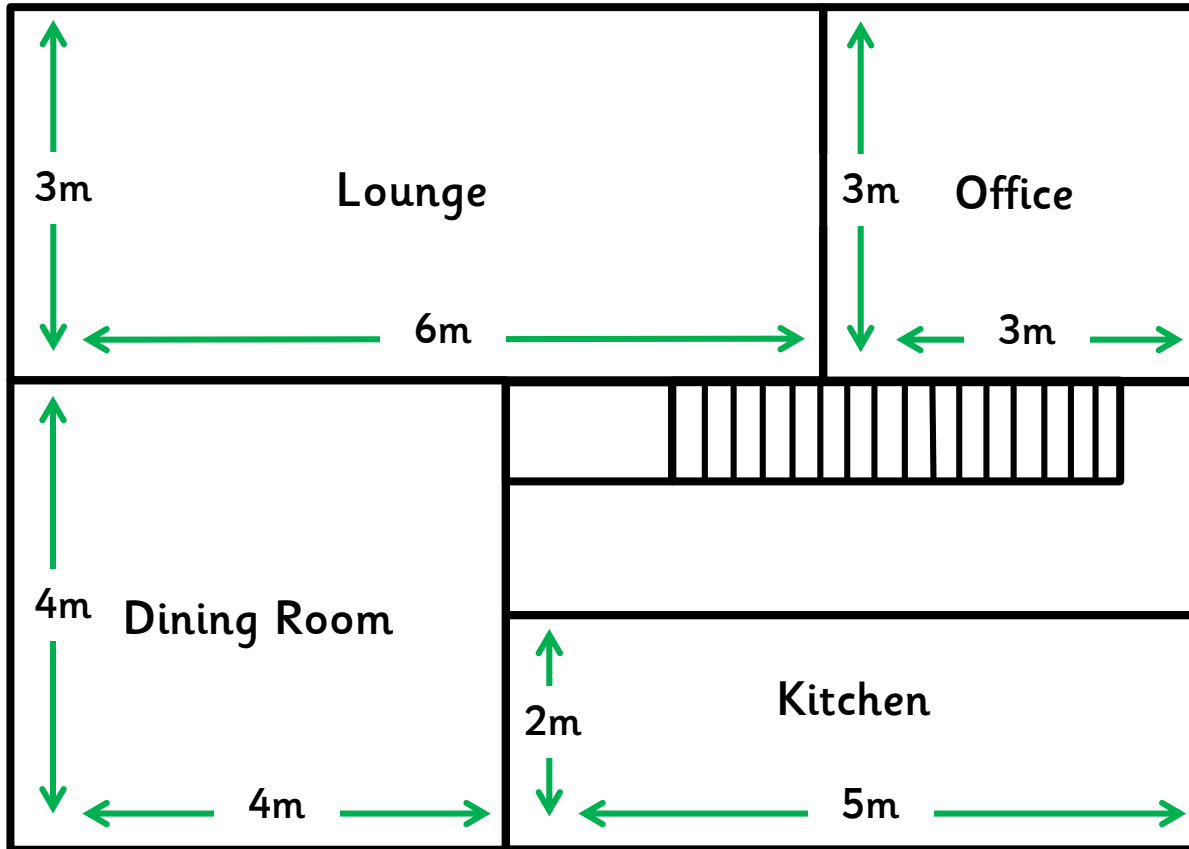
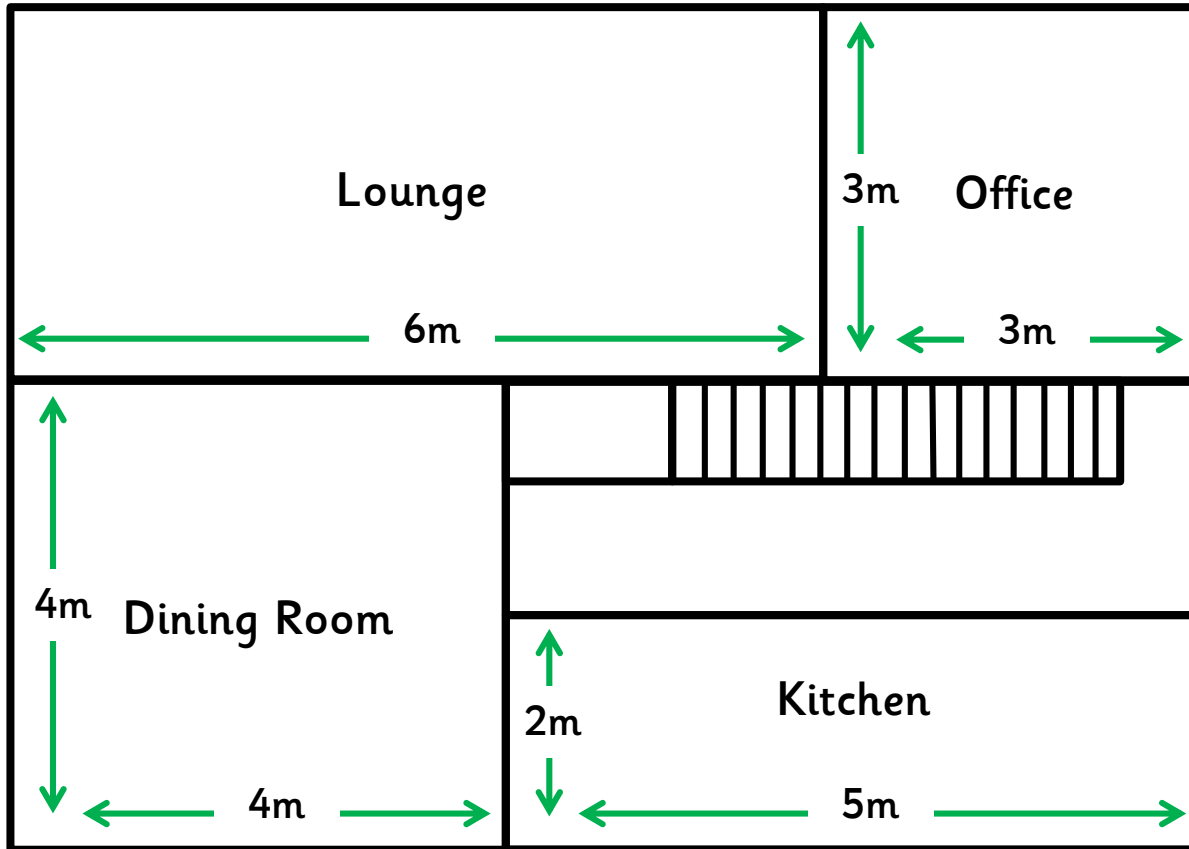


Floor Plan Area and Perimeter



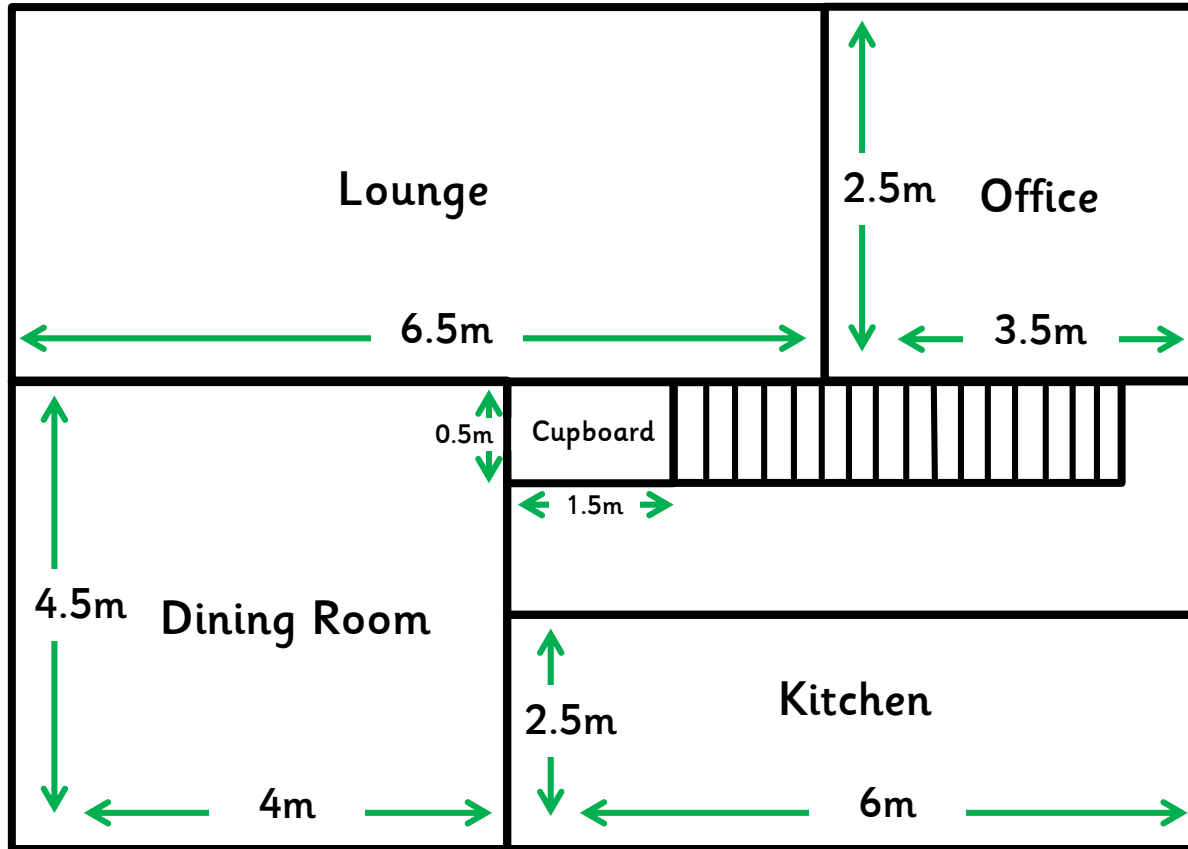
1. Jill needs to buy a new carpet for the dining room. Find the area of the dining room floor so that she knows how many square metres to buy.
2. Jill also needs to buy some new skirting board for the dining room. Calculate the perimeter of the room.
3. Jill's daughter, Emily, would like to string up her birthday cards all around the lounge. Calculate the perimeter of the lounge so she knows how much string she will need.
4. John wants to put a new desk in his office. It is one and a half metres in length. Will he have enough space to put the desk on the wall closest to the stairs?
5. John fitted a new laminate floor in the kitchen last year. How much floor did he lay?

Floor Plan Area and Perimeter



1. George is selling his house. He needs to know the length of the house and the width of the house. Calculate the length and width.
2. What is the perimeter of the house?
3. George has agreed to put a new carpet in the lounge before the new buyers move in. How much carpet will he need?
4. Jenny would like George to put a new wallpaper border in the dining room. How much will he need?
5. Jenny measures the width of the hallway, including the stairs. What does it measure?
6. George wants to teach his son Jamie about floor plans. Add the missing measurements to the lounge and hallway so that it is easier for Jamie to understand.

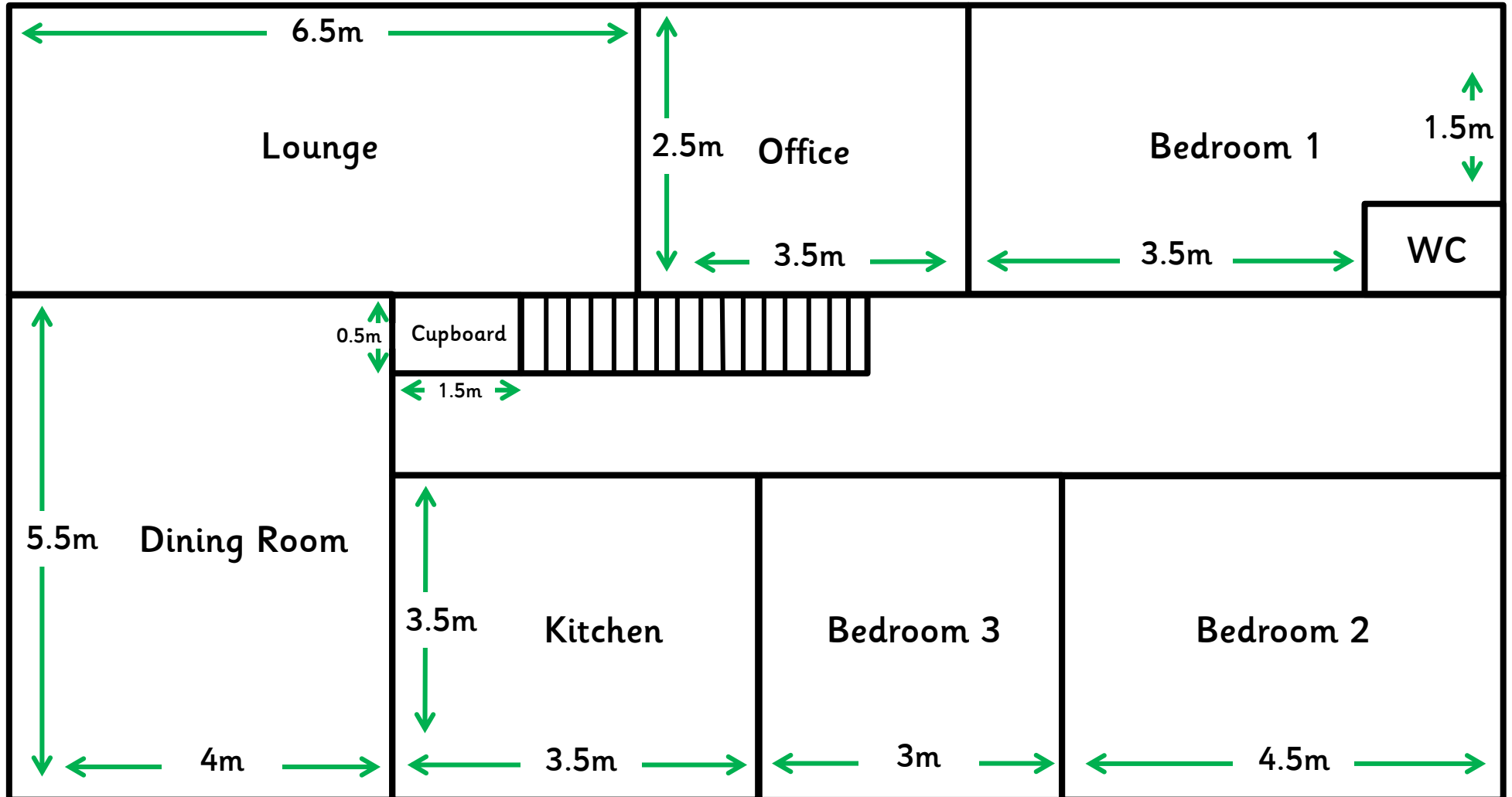
Floor Plan Area and Perimeter



1. Danyal wants to put a large picture in the lounge on the outside wall on the west side. Calculate the length of the lounge wall.
2. Sunita used to work from home. Recently, her home business started renting accommodation because she took on some new employees. Danyal would like to make the lounge bigger by knocking through to the office. Calculate the area and perimeter of the proposed new lounge.
3. The dining room and the kitchen are connected by bi-folding doors. Sunita wants the same floor to continue throughout. She is not sure whether she should match the dining room floor to the kitchen floor or get a new floor throughout. Calculate both areas so that she can get a quote for both.
4. Danyal has another idea. He wants to keep the kitchen floor half way across the kitchen (from the East wall to the middle) and carpet the other half of the kitchen. How much carpet will he need to order?

5. Hakeem's bedroom is exactly the same size as the office. He wants a new border in his bedroom. The green border costs £1.25 per square metre. The blue border costs £1.50 per metre. Danyal asks Hakeem to work out how much each border would cost before they make their decision. How much would each border cost?

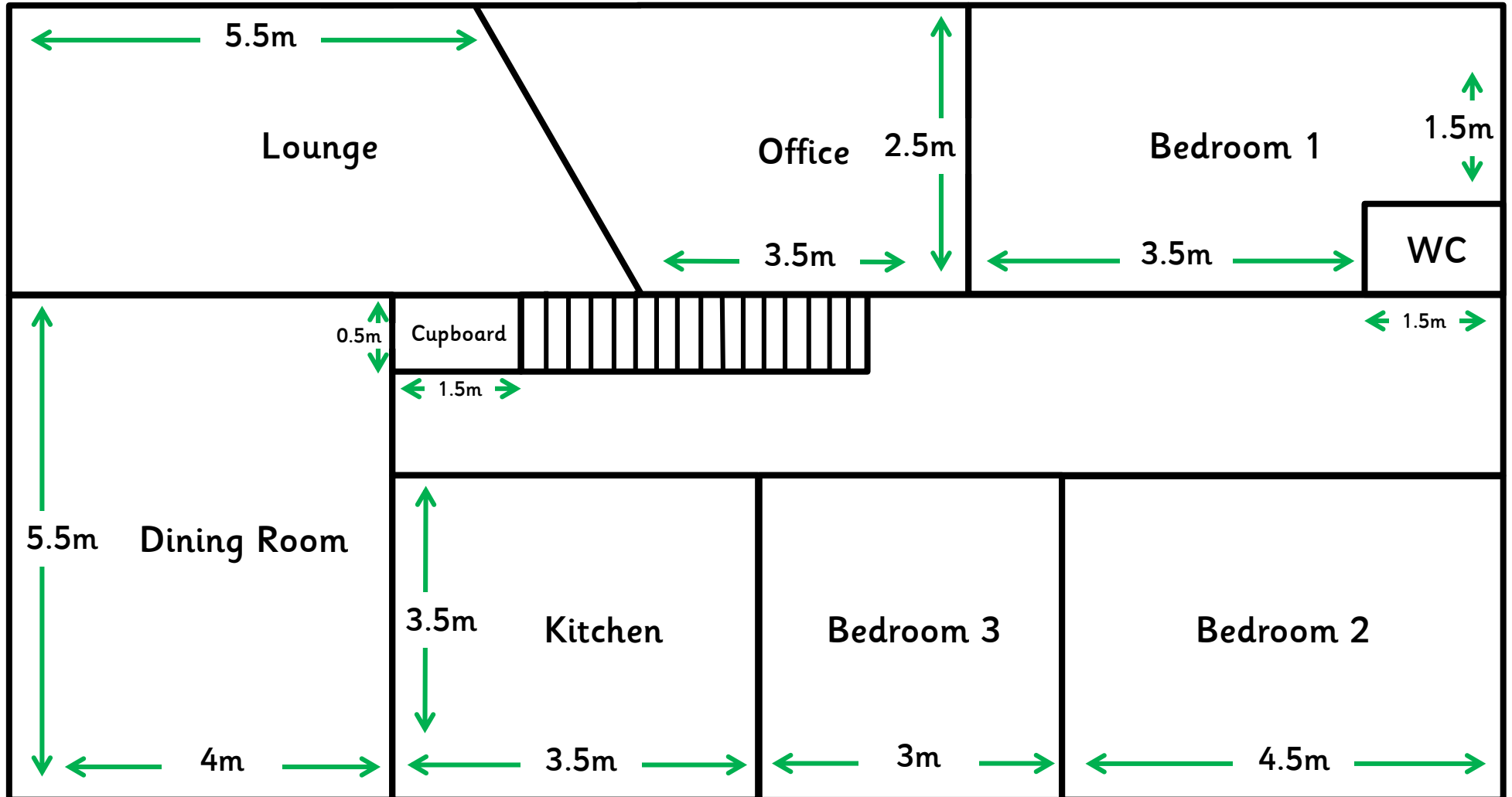
Floor Plan Area and Perimeter



Floor Plan Area and Perimeter

1. Fiona and Steve have just moved into this new five bedroom dormer bungalow. For decorating purposes, they need to know the perimeter and area of the downstairs bathroom. What were their calculations?
2. Fiona hates the green carpet in the lounge. She wants to expose the floorboards and varnish them. Calculate the size of the room is so she can work out how much varnish to buy.
3. Whilst shopping, Fiona picks up a rug for the hallway that measures 1m x 10.5m. Will it fit in the hallway?
4. Steve knocks through the kitchen/dining room wall to make a kitchen/diner. What is the new perimeter and area of the room?
5. How much bigger is bedroom 2 than bedroom 3?
6. Calculate the total length of the walls in bedroom 1.

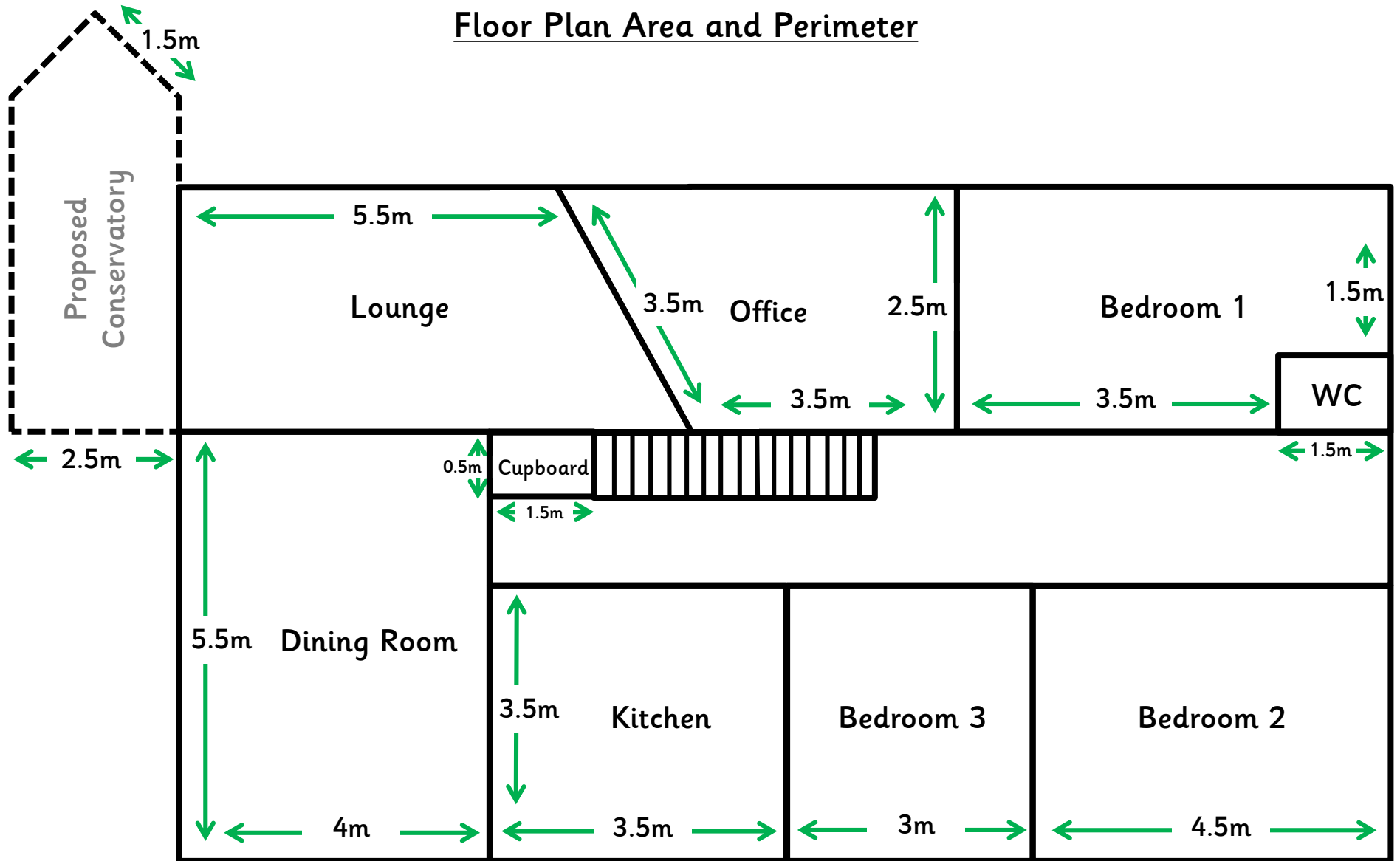
Floor Plan Area and Perimeter



Floor Plan Area and Perimeter

1. Yugo measures the area of two of the downstairs bedrooms. The total area is 26.75m^2 . Which two bedrooms did he measure the area of?
2. Denise would like to change the flooring in the Office. Yugo calculates the floor's area. What was it?
3. Yugo likes the new flooring so much that he measures up the lounge for the same flooring as the office. What were his measurements?
4. Find the area of the entire downstairs area, excluding the bathroom and the hallway.
5. Yugo would like to create a huge family room in the house, to keep up with the latest fashions. He proposes to knock through the office/lounge wall, the lounge/dining room wall and the dining room/kitchen wall. Calculate the perimeter of the new room if it was possible to go ahead.

Floor Plan Area and Perimeter



Floor Plan Area and Perimeter

1. The new owners of this house have proposed for a conservatory to be erected on the west side of the house. The west wall of the conservatory would be 1 metre longer than the parallel outside wall of the lounge. The building extends 2 metres from the outside wall of the house. Provide the owners with measurements for new flooring for the conservatory.
2. Before moving in, the new owners will be having the dining room and lounge knocked through, like the house they have been living at. Calculate the new area and perimeter of the room.
3. The new buyers would also like to install an en-suite bathroom into Bedroom 2 which will measure 1.5m x 1.5m. Calculate the floor space of the bedroom once the en-suite has been installed.
4. Once this has been installed, the new owners decide that they would also like an en-suite bathroom installing in the master bedroom. The bathroom would measure 2m x 1.5m. What will be the new available floor space?
5. Which of these two bedrooms would be best served as the main bedroom?