Perimeter

1. A square-shaped room measures 6m on one side. What is the perimeter of this room?

2. A rectangular field measures 10m by 3m. What is the perimeter of this field?

3. A dining room is a 5m by 10m rectangle. What is the perimeter of the room?

4. Isabella is making a display board for the school trip. The display board is a 9m by 6m rectangle. She needs to add a ribbon border around the entire display board. What is the length of ribbon that she needs?

5. Danny has an equilateral triangle dining table. One side is 45 cm. What is the perimeter of the table?

Area and Perimeter – Group 2

LO: To solve word problems involving area and perimeter.

> *Help:*
>
> *Make sure you read the problem first. Highlight all the key information. Try to understand the question. Decide what to do with the key information in order to answer the question.*

1. A square-shaped room measures 6ft on one side. What is the area of this room?

2. A rectangular field measures 10ft by 3.5ft. What is the area of this field?

3. Mary wants new carpeting for her dining room. Her dining room is an 8yd by 7.25yd rectangle. How much carpeting does she need to buy to cover her entire dining room?

4. Isabella is making a display board for the school council elections. The display board is a 4.25ft by 6ft rectangle. She needs to add a ribbon border around the entire display board. What is the length of ribbon that she needs?

5. Danny has a rectangular rose garden that measures 8m by 12.5m. One bag of fertilizer can cover $16m^2$. How many bags will he need to cover the entire garden?

Area and Perimeter – Group 3

LO: To solve word problems involving area and perimeter.

1. A square-shaped room measures 6.5ft on one side. What is the area of this room?

2. A rectangular field measures 10ft by 3.5ft. What is the area of this field?

3. Danny has a rectangular rose garden that measures 8m by 12.5m. One bag of fertilizer can cover $16m^2$. How many bags will he need to cover the entire garden?

4. Mary wants new carpeting for her dining room. Her dining room is an 8yd by 7.25yd rectangle. She has bought a $67yd^2$ carpet. How much wastage will she be left with after fitting the carpet to the dining room floor?

5. Isabella is making a display board for the school elections. The display board is a 4.25ft by 6ft rectangle. She needs to add a ribbon border around the entire display board. The ribbon is 20p per ft. How much will it cost to put a board around the display?