



**Shotton Hall Primary School**

Working together to

**SHINE**

**Successful, Happy, Inspired and Nurtured towards Excellence**



## Maths Challenge

### 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  $16\text{m}^2$ . 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  $67\text{yd}^2$  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?