



**Shotton Hall Primary School**

Working together to

**SHINE**

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



## Maths Challenge

### **Area and Perimeter-Answers:**

1. The area of the room would be:  $6.5\text{ft} \times 6.5\text{ft} = 42.25$  ft squared
2. The area of the field would be:  $10\text{ft} \times 3.5\text{ft} = 35$  ft squared
3.  $8\text{m} \times 12.5\text{m} = 100$  m squared 100 divided by 16 is 6 whole bags and a part of a bag ( $16 \times 6 = 96$ ) so he will need to buy 7 bags to fill the area completely and he will have some left over.
4.  $8 \times 7.2\text{yds} = 58$  square yards  $67 - 58 = 9$  She will have 9 square yards spare.
5.  $4.25 + 4.25 + 6 + 6 = 20.5$  The display's perimeter is 20.5 feet  $20.5 \times 20 = 410$   
The ribbon will cost £4.10