



West Byfleet Junior School
Problem of the Week - Week 5



2 Points



Mo has 18 buttons.

He gives Snowman B two more buttons than Snowman A.

He gives Snowman C two more buttons than Snowman B

How many buttons does each snowman have?

3 Points

Find the value of the hat, jacket and scarf.

$$\begin{array}{l}
 \text{hat} \times \text{scarf} = 180 \\
 \text{hat} + \text{hat} + \text{hat} = 36 \\
 \text{jacket} \times \text{hat} \times \text{scarf} = 3,600
 \end{array}$$

5 Points

Eva, Mo, Dexter and Dora are ski jumping.

Can you work out how far each person jumped?

Eva: I jumped $\frac{3}{4}$ of the length Dexter jumped.

Mo: I jumped 36 metres less than Dexter.

Dexter: I jumped the equivalent of 6^3 in metres.

Dora: I jumped 5,300cm further than Eva.



7 Points

In the song 'The Twelve Days of Christmas'

How many gifts are given, over the time, in total?

Attempt to solve one or more of the problems and submit your solutions to Miss Eastland via email eeastland@west-byfleet-junior.surrey.sch.uk

Submit your solution on or **before Wednesday 6th January** for your points to be added to the leaderboard, if your answer(s) are correct.

The leaderboard, weekly problems and solutions can be found on the school website under: Pupils - Our Curriculum- Mathematical Development- Problem of the Week