



# West Byfleet Junior School

## Problem of the Week - Week 19



### 3 Points

Amir, Rosie and Jack describe when their birthdays are.

Amir says,  My birthday is in exactly two weeks.

Rosie says,  My birthday is in exactly 2 months.


Jack says,  My birthday is in 35 days.

Use the clues to work out when their birthdays are if today is the 8<sup>th</sup> June.

### 3 Points

Jack takes part in a sponsored silence.

He says,

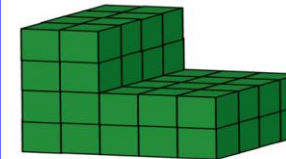
 If I am silent for five hours at 10p per minute, I will raise £50

Do you agree with Jack?  
Explain why you agree or disagree.

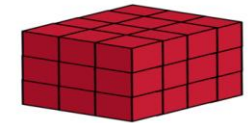
### 5 Points

Amir, Whitney and Mo all build a shape using cubes. Mo has lost his shape, but knows that its volume was greater than Whitney's, but less than Amir's.

Amir's



Whitney's



What could the volume of Mo's shape be between and why?

**Submit your solution** on or **before Wednesday 24 April** 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