



West Byfleet Junior School

Problem of the Week - Week 24



2 Points

Here are three masses.

20 kg and 600 g

18 kg and 500 g

20 kg

Match each mass to the correct child.



Dora

My mass weighs more than $\frac{1}{2}$ of 40 kg.

My mass is more than Eva's mass.



Mo



Eva

My mass weighs more than 18 kg but less than 20 kg.



3 Points

Dora buys two peaches and three pears.



One peach weighs 75 g.

Three pears weigh the same as two peaches.

How much does one pear weigh?



5 Points

In a box there are some red, blue and green pens.

The ratio of red pens to green pens is 3 : 5

For every 1 red pen there are two blue pens.

Write down the ratio of red pens to blue pens to green pens.

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 16th June** 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