



West Byfleet Junior School

Problem of the Week - Week 17



Easter Special – double the points available

2 Points per problem

Daffodils cost 10p each.
Amir spends £2 and 10p.
How many daffodils does he buy?



The children have been counting the daffodils.

There are fewer than 40 daffodils

The total is a multiple of 3

There are an even number of daffodils.

The total is 2 less than a multiple of 8

How many daffodils could there be?

3 Points per problem

Some chocolate eggs are shown on the balance scale.

The large eggs each have a mass of 75 g.



What is the mass of one small egg?



Alex is making chocolate nests.
She has fewer than 30 eggs.



Alex wants to put the same amount of eggs into each nest.

She puts 5 in each nest and has 2 left over.
She puts 8 in each nest and has 3 left over.

How many eggs does Alex have?
Is there a way to put an equal number of eggs into each nest with no remainders?

5 Points per problem

White Rose Farm has 21 new baby animals.

There are 2 more chicks than lambs.



There are 2 more rabbits than chicks.



How many new chicks, lambs and rabbits are there?



Amir has 21 daffodils.
He plants them into 3 pots.



He plants twice as many in the medium pot as the small pot.
He plants twice as many in the large pot as the medium pot.
How many does Amir plant in each pot?

Submit your solution on or before Wednesday 6th March 2024 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