



West Byfleet Junior School

Problem of the Week Solutions - Week 2



2 Points

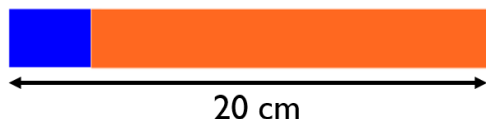
Here is a blue strip of paper.



An orange strip is four times as long.



The strips are joined end to end.



How long is the blue strip?

How long is the orange strip?

Explain how you know.

Blue strip = 4cm

Orange strip = 16cm

3 Points

Teddy and his mum were having a reading competition.

In one month, Teddy read 814 pages.

His mum read 4 times as many pages as Teddy.

How many pages did they read altogether?

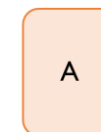
How many fewer pages did Teddy read?

They read 4070 pages together.

Teddy read 2442 pages less than his mum.

5 Points

Here are 3 cards



On each card there is a cube number. Use these calculations to find each number.

$$A \times A = B$$

$$B + B - 3 = C$$

$$\text{Digit total of } C = A$$

$$A = 8$$

$$B = 64$$

$$C = 125$$

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

Submit your solution on or before **Tuesday 10th October 2023** 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 Zone - Problem of the Week