



# West Byfleet Junior School

## Problem of the Week Solutions - Week 3



2 Points

How close can you get to 100?  
Use each digit card once in the multiplication.

$$\begin{array}{|c|c|c|} \hline 2 & 3 & 4 \\ \hline \end{array} \times \begin{array}{|c|} \hline \\ \hline \end{array} =$$

$$23 \times 4 = 92$$

(Closest to 100)

$$24 \times 3 = 72$$

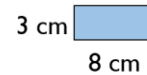
$$43 \times 2 = 86$$

$$34 \times 2 = 68$$

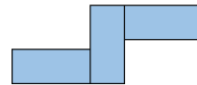
$$42 \times 3 = 126$$

3 Points

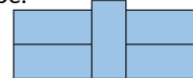
Amir has some rectangles all the same size.



He makes this shape using his rectangles. What is the perimeter?



He makes another shape using the same rectangles. Calculate the perimeter of this shape.



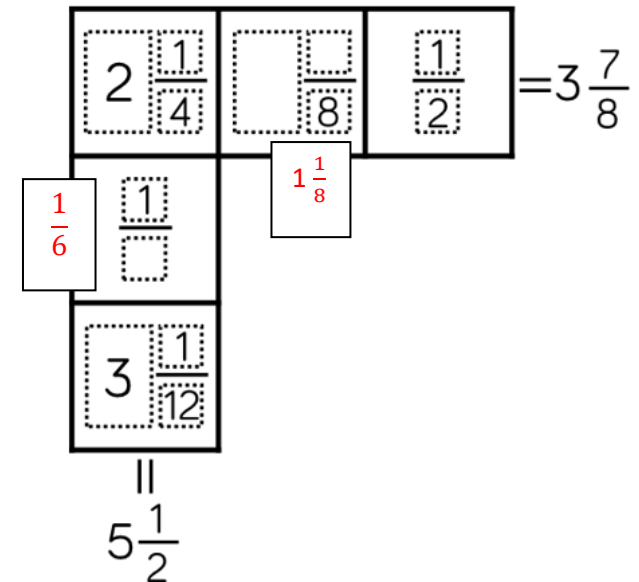
Amir's first shape: 54cm

Amir's second shape: 54cm

5 Points

Each row and column adds up to make the total at the end.

Use this information to complete the diagram.



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](mailto:ewatts@west-byfleet-junior.surrey.sch.uk)

Submit your solution on or before **Tuesday 17<sup>th</sup> 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