

7a. Orla has drawn a rectangle with a perimeter of 240mm, but a paint splat has covered the measurement of each side.



What could the measurements of each side be in cm?

Find 3 different solutions.



PS

7b. Sam has drawn a rectangle with a perimeter of 360mm, but a paint splat has covered the measurement of each side.



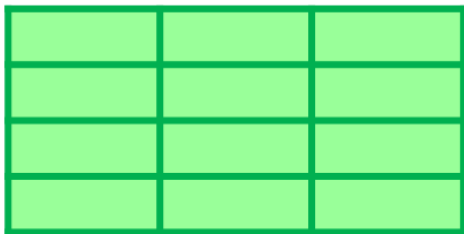
What could the measurements of each side be in mm?

Find 3 different solutions.



PS

8a. This floor is made up of tiles. The total perimeter of one tile is 180mm. The width of each tile is half the length.



Calculate the perimeter of the floor in cm.



*not to scale*

PS

8b. This floor is made up of wooden floorboards. The total perimeter of one floorboard is 240mm. The length of each floorboard is double the width.



Calculate the perimeter of the floor in cm.



*not to scale*

PS

9a. Elodie says,



The perimeter of a rectangle will always be an even number.

Is Elodie correct? Prove it.



R

9b. Spencer says,



If a rectangle has two sides which are odd numbers, then the perimeter will also be an odd number.

Is Spencer correct? Prove it.



R

