



NC

Measure and calculate the perimeter of composite rectilinear shapes in cm and m

Focus: Perimeter

Time: 1 week

Concept Sequence

Perimeter of rectangles – by measuring and calculation. Include missing lengths.

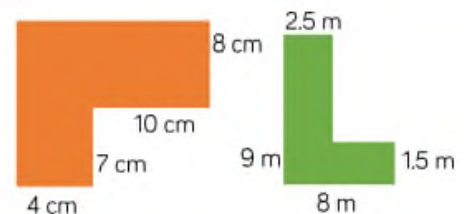
Measure Perimeter of rectilinear shapes from diagrams without grids. Use ruler accurately. Look at alternative methods for rectangles using addition and multiplication.

Calculating perimeter – with/without grids. Mark off sides to prevent repetition/omission in counting.

Find missing lengths – use knowledge of inverses.

Find perimeter of rectilinear shapes with missing lengths.

Perimeter of polygons – regular and irregular polygons.



Times Tables 4NF-1, 5NF-1

Consolidate and practice all multiplication and division facts to 12x12 – any order, missing numbers, fractions.

Use multiplication and division facts to derive associated facts.

Develop multiplicative reasoning - links between multiplication, division and fractions.



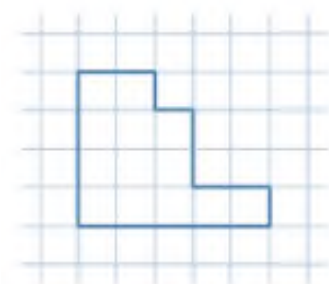
Planning Links

White Rose/Maths No Problem

Maths No Problem/Aspire Maths

White Rose Scheme of Work:

<https://assets.whiterosemaths.com/new-schemes/Year%205%20Spring%20Block%204%20SOL%20Perimeter%20and%20area.pdf>



Resources

Counting Stick

Gordons Maths Games, Mathletics, TTRockstars

BBC Super Movers

<https://www.bbc.co.uk/teach/supermovers/ks2-collection/zr4ky9q>

Vocabulary

Measure, measurement
cm, m

width, length, breadth

edge, perimeter, ruler

metre stick, tape measure

Multiply, multiplied by

Inverse