Year 4 Perimeter of a Rectangle – Guidance for Parents

Activity:

The aim of this activity is for children to practise calculating the perimeter of rectangles. Children are allowed to experiment with different numbers to complete the perimeters of each shape.

Vocabulary:

The **perimeter** is the distance around the edge of a shape. It is a measurement of length so is often measured in millimetres (mm), centimetres (cm) or metres (m). To find the perimeter of a shape, add together the lengths of all its sides.

Supporting resources:

You can watch a video tutorial about the perimeter of a rectangle on **kids.classroomsecrets.co.uk >> Year 4 >> Maths >> Length and Perimeter >> Video Tutorials**.
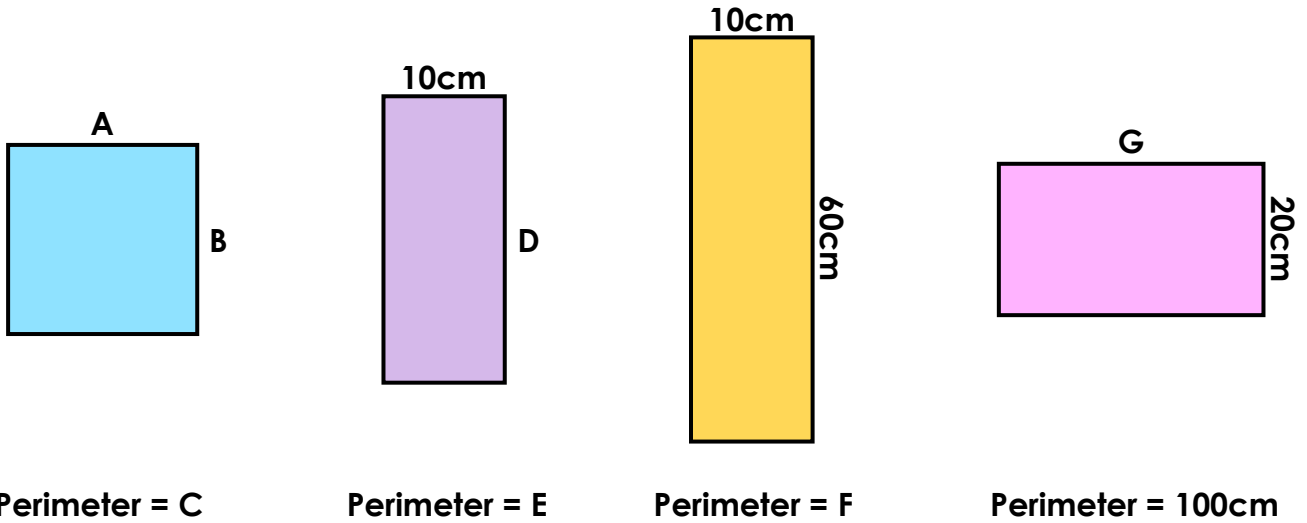
You can watch the answer explanation video which takes children through this activity and ways to answer it on **https://www.youtube.com/user/ClassroomSecretsLtd/ playlists >> Year 4 Playlist >> Perimeter of a Rectangle Answer Explanation.**

Check out our daily timetable for Year 4 home learning activities on kids.classroomsecrets.co.uk >> Home Learning Timetable.

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Perimeter of a Rectangle

Hannah has a square and 3 other rectangles. She has written the perimeter of one rectangle underneath it.

Some information is missing but the total perimeter of all 4 shapes is 420cm.

A

B

10cm

D

10cm

60cm

G

20cm

Perimeter = C   Perimeter = E   Perimeter = F   Perimeter = 100cm

not to scale

Using the information given, investigate what the missing values and the perimeters of each shape could be.

Letter	Missing Value
A	20cm
B	20cm
C	80cm
D	40cm
E	100cm
F	140cm
G	30cm

Letter	Missing Value
A	15cm
B	15cm
C	60cm
D	50cm
E	120cm
F	140cm
G	30cm