Year 4 Perimeter of Rectilinear Shapes – Guidance for Parents

Activity:

The aim of this activity is for children to practise calculating the perimeter of rectilinear shapes. There are three questions to complete. The first two questions allow children to practise the skill, while the third question extends them as they have to problem solve and explain their answer.

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.

A **rectilinear shape** is a polygon where all lines meet at a right angle. For example:

A **polygon** is a 2D shape made of straight lines.

A **right angle** is an angle that measures exactly 90 degrees and is equal to a quarter turn.

Supporting resources:

You can watch a video tutorial about the perimeter of a rectilinear shape 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 Rectilinear Shape Answer Explanation.**

Other resources:

If your child enjoyed this activity and wants to try more activities linked to this learning, you can sign up for £4.83 per month on **classroomsecrets.co.uk/membership**.

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

Perimeter of Rectilinear Shapes

1. **A = 34cm, B = 42cm, C = 44cm**
2. **Statements B and D are correct.**
3. **34cm**

Visit **kids.classroomsecrets.co.uk** for online games to support learning.

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