Mastering maths

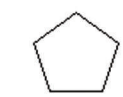
Find the perimeter of a regular polygon

In this activity, we will be working out the perimeter of a regular 2D polygon.

The perimeter is the total distance around the outside of a 2D shape. We can calculate the perimeter by adding together the length of all the sides.
Remember that in a **regular** polygon, all the sides are the same length.

Example

Calculate the perimeter of the shape.



← 3 cm →

Answer

First, count the number of sides.
There are **5** sides in this shape. It is a pentagon.

It is regular so each side is 3 cm long.
The perimeter is 5 x 3 = **15 cm**

Remember the answer is 15 cm not just 15!

Let's try some questions now!

Discover the answers to this worksheet at edplace.com!

Join 50k+ parents who have used EdPlace to access our 11k+ National Curriculum aligned English, maths and science activities. Designed and created by qualified teachers, to support your child's education - covering KS1, KS2, KS3, SATs, GCSE and the 11 plus.

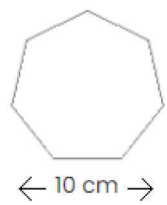
© 2024 EdPlace Limited. All rights reserved.

Mastering maths

Find the perimeter of a regular polygon

Calculate the perimeter of the shape.

Remember to include the units (cm)



Answer: _____

Discover the answers to this worksheet at edplace.com!

Join 50k+ parents who have used EdPlace to access our 11k+ National Curriculum aligned English, maths and science activities. Designed and created by qualified teachers, to support your child's education - covering KS1, KS2, KS3, SATs, GCSE and the 11 plus.

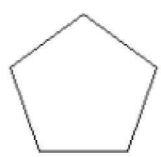
© 2024 EdPlace Limited. All rights reserved.

Mastering maths

Find the perimeter of a regular polygon

Calculate the perimeter of the shape.

Remember to include the units (cm)



← 5 cm →

Answer: _____

Discover the answers to this worksheet at edplace.com!

Join 50k+ parents who have used EdPlace to access our 11k+ National Curriculum aligned English, maths and science activities. Designed and created by qualified teachers, to support your child's education - covering KS1, KS2, KS3, SATs, GCSE and the 11 plus.

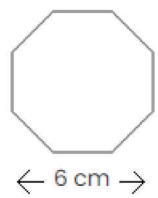
© 2024 EdPlace Limited. All rights reserved.

Mastering maths

Find the perimeter of a regular polygon

Calculate the perimeter of the shape.

Remember to include the units!!



Answer: _____

Discover the answers to this worksheet at edplace.com!

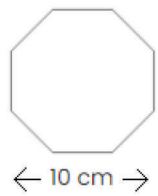
Join 50k+ parents who have used EdPlace to access our 11k+ National Curriculum aligned English, maths and science activities. Designed and created by qualified teachers, to support your child's education - covering KS1, KS2, KS3, SATs, GCSE and the 11 plus.

© 2024 EdPlace Limited. All rights reserved.

Mastering maths

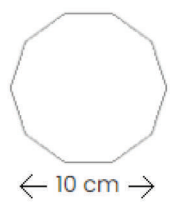
Find the perimeter of a regular polygon

Calculate the perimeter of the shape.



Answer: _____

Calculate the perimeter of the shape.



Answer: _____

Discover the answers to this worksheet at edplace.com!

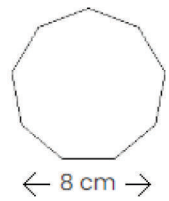
Join 50k+ parents who have used EdPlace to access our 11k+ National Curriculum aligned English, maths and science activities. Designed and created by qualified teachers, to support your child's education - covering KS1, KS2, KS3, SATs, GCSE and the 11 plus.

© 2024 EdPlace Limited. All rights reserved.

Mastering maths

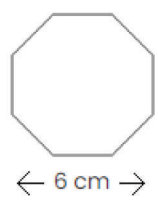
Find the perimeter of a regular polygon

Calculate the perimeter of the shape.



Answer: _____

Calculate the perimeter of the shape.



Answer: _____

Discover the answers to this worksheet at edplace.com!

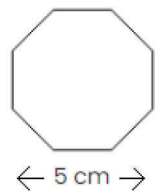
Join 50k+ parents who have used EdPlace to access our 11k+ National Curriculum aligned English, maths and science activities. Designed and created by qualified teachers, to support your child's education - covering KS1, KS2, KS3, SATs, GCSE and the 11 plus.

© 2024 EdPlace Limited. All rights reserved.

Mastering maths

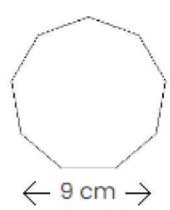
Find the perimeter of a regular polygon

Calculate the perimeter of the shape.



Answer: _____

Calculate the perimeter of the shape.



Answer: _____

Discover the answers to this worksheet at edplace.com!

Join 50k+ parents who have used EdPlace to access our 11k+ National Curriculum aligned English, maths and science activities. Designed and created by qualified teachers, to support your child's education - covering KS1, KS2, KS3, SATs, GCSE and the 11 plus.

© 2024 EdPlace Limited. All rights reserved.

This document and its contents are protected under the copyright laws of the United Kingdom.

Unauthorised reproduction, distribution, or use of this document, in whole or in part, without the express written permission of EdPlace Limited, is strictly prohibited.

For permissions or enquiries, please contact: help@edplace.com