

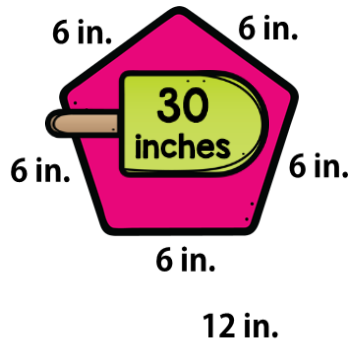
Perimeter Bundle



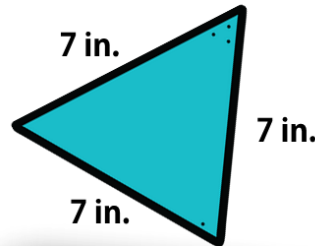
Video Lessons + Digital Activities

MARVELMath

POPSICLE PERIMETER



Find the perimeter of each plate. Place the popsicle that has the correct perimeter on each plate. Not all popsicles will be used.



38 inches

27 inches

MARVELMath

3rd
GRADE

EARNING ABOUT PERIMETER

Perimeter is a measurement of the _____ a figure.

Perimeter is reported in units that measure _____, such as centimeters, _____, feet, _____.

To find the perimeter, _____ the lengths of _____.

Drag and drop the correct phrase to complete each sentence. You will not use one of the phrases.

sides
inches
add
space inside
yards
length

PERIMETER

cm

Links to Each Video Lesson Embedded in the Google Slides

Assign the video lesson to students who need reteach, for review, or for students who were absent.

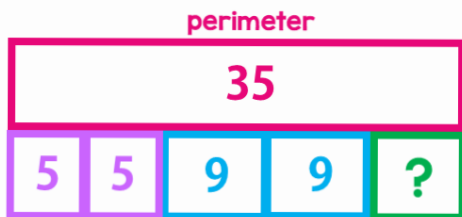
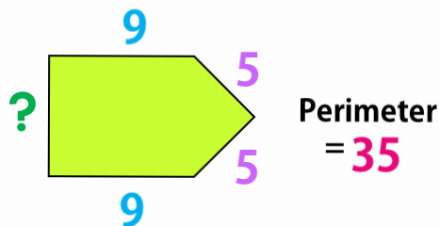
The image shows a hand holding a tablet displaying a Google Slides presentation. The slide is titled "LEARNING ABOUT PERIMETER" in a green banner. The content includes:

- A definition: "Perimeter is a measurement of the _____ a figure." and "Perimeter is reported in units that measure _____, such as centimeters, _____, feet, _____ the lengths of _____." with a large play button icon in the center.
- A diagram of a purple triangle with side lengths labeled: 7 cm, 6 cm, and 5 cm.
- A video player interface with a search bar and a play button.
- A drag-and-drop activity on the right side with the instruction: "Drag and drop the correct phrase to complete each sentence. You will not use one of the phrases." The phrases are: "sides", "inches", "add", "space inside", "yards", and "length".
- A formula for perimeter: $\square + \square + \square = \square$ cm, with a red arrow pointing to the result box.
- A cartoon character at the bottom right.

Self-Checking Problems Included to Give Students Confidence

LEARNING ABOUT Perimeter & Missing Side Lengths

The perimeter of this pentagon is 35 units. What is the length of the missing side?



Step 1

$$\begin{array}{r} 9 \\ 9 \\ 5 \\ 5 \\ + \\ \hline 28 \end{array}$$

I'm ready
for **Step**
2



Delete This
Box

Check
your work

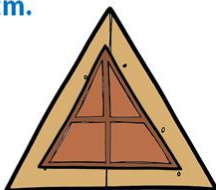


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S'MORE MISSING SIDES

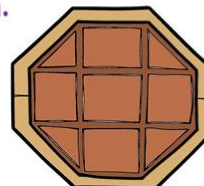
Let's make s'mores! The marshmallows are labeled with side lengths. Match them to the graham cracker and chocolate shapes. Not all marshmallows are used.

All sides of this triangle are the same length. The perimeter is 15 cm.



The perimeter of this square is 28 cm.

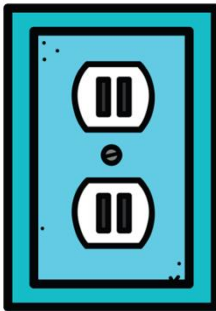
All sides of this octagon are the same length. The perimeter is 24 cm.



Movable Pieces for Student Engagement

Built-In Word Problem Support

WORD PROBLEM



Use the ruler to measure the sides of this outlet to the nearest inch. Calculate the perimeter in inches.



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Delete this box for
step-by-step
help.

Click on the box & hit
the "backspace" or
"delete" key.

MARVELMath

Rectangles and Polygons

Students learn to use addition to find perimeter.

LEARNING ABOUT PERIMETER

Rectangles have opposite sides that are _____.

Nala has a rectangle shaped pool.
What is the perimeter of Nala's pool?

Type the missing side lengths in the empty boxes.

Complete the equation to find the perimeter.

15 feet

20 feet

feet

feet

PERIMETER

feet

$\square + \square + \square + \square = \square$

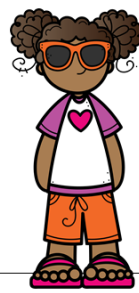
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Drag and drop the correct phrase to complete the sentence. You will not use one of the phrases.



different lengths

the same length



Find the Missing Side

Students learn to solve multi-step addition and subtraction problems to find missing side lengths.

S'MORE MISSING SIDES

It's time to make s'mores! The marshmallows have the missing side lengths. Match them to the graham cracker and chocolate shapes.

Perimeter = 37 cm

7 cm, 8 cm, 8 cm, 5 cm, ?

Perimeter = 29 cm

4 cm, 7 cm, 7 cm, ?, 4 cm

Perimeter = 27 cm

4 cm, 5 cm, 5 cm, 4 cm, 4 cm, ?

11 cm, 9 cm, 5 cm

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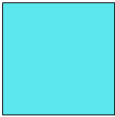
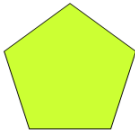
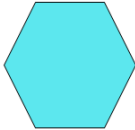
Divide to Find the Missing Side

Students learn to use division to find missing side lengths in polygons with equal sides.

BE THE TEACHER

Kiki the koala found the missing side length of each shape. Use the symbols to give her feedback about her work.



1	2	3
Square	Pentagon with all equal sides	Hexagon with all equal sides
Perimeter = 36 in.	Perimeter = 40 cm	Perimeter = 42 mm
		
Each side is 6 in. long	Each side is 8 cm long	Each side is 7 mm long

Drag the correct label over each problem.



Correct



Try Again

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Lesson #3

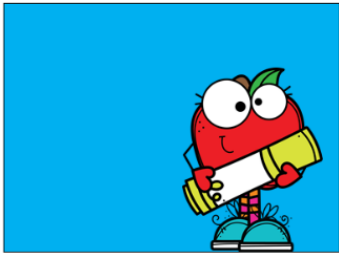
Using a Digital Ruler

Students learn to measure sides to the nearest cm or inch to find the perimeter of rectangles.

MEASURING Side Lengths

4 inches

3 inches



Use the ruler to find the perimeter and area of the rectangle in inches. Measure each side length to the nearest inch.

Find the **PERIMETER** of the rectangle.

$$4 + 3 + 4 + 3 = 14 \text{ inches}$$

PERIMETER



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Lesson #4

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You Will **Love** This Resource:

-  **Easy to Assign** to Students in Google Classroom
-  **Moveable Pieces** to Engage Learners
-  Keep or remove Activities to **Fit the Needs of Each Learner**
-  **No Prep:** no Photocopying, Laminating or Cutting

Ways to Use **This Resource:**

-  **Math Station** – Students can watch the video instructions and complete the activity independently
-  **Whole Class Teaching** – Use the interactive slides to teach this concept during your lesson
-  **Tutoring** – Use the slides for a focused lesson that doesn't need any prep

About the Author

This resource was created by Melissa Johnson, who has 16 years of k-10 teaching experience and a masters degree in Mathematics Education. Her resources build conceptual understanding, make connections between math topics and engage students in the mathematics they are learning.

