

AREA & PERIMETER

LESSON 1

Video Lesson + Engaging Activities

Created for Distance  Learning

TEKS
4.5D

CCSS
4.MD.A.3

PERIMETER AND AREA OF Rectangles

Rectangles have opposite sides that are _____.



pick one **different lengths**
the same length

Nala has a
rectangle
shaped pool.

15 feet

25 feet



MARVELmath

Find the **AREA**
of Nala's pool.

AREA

$$\square \times \square = \square \text{ square feet}$$

Find the **PERIMETER** of
Nala's pool.

PERIMETER

$$\square + \square + \square + \square = \square \text{ feet}$$

MARVELmath

USE WITH **Google Drive**™

Link to Video Lesson Embedded in Google Slides

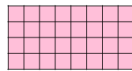


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M.A. Mathematics Education



Perimeter & Area
Lesson 1
TEKS 4.5D
CCSS 4.MD.A.3

MARVELmath
MARVELMATH.COM

Perimeter	Area
<u>distance around</u> a figure	<u>space inside</u> a figure
	
$P = 2l$ $P = l + w$	$A = l \times w$
Angles	
Perimeter	
Add all the sides	
Reported in	



Multiply the
length and width

square units

units

MARVELmath



Self-Checking Problems Included to Give Students Confidence

PERIMETER AND AREA PICNIC

Find the perimeter and area of the square and rectangular plates at your picnic.

Label each answer with the correct units
inches **square inches**

11 inches

14 inches

Check your work

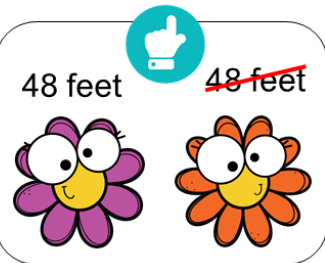
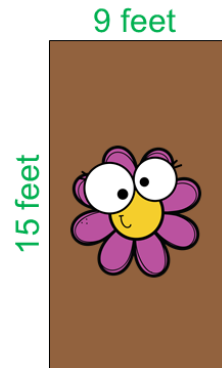
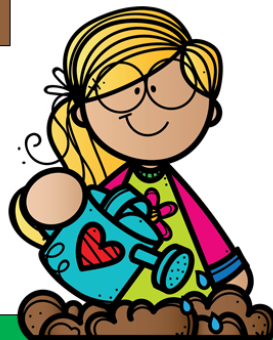
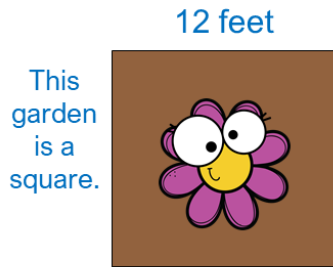
Perimeter: **44** inches **44** inches

Area: **121** square inches **121** square inches

Movable Pieces for Student Engagement

PLANTING AND PERIMETER

Plant a purple flower in every garden with a perimeter of 48 feet. Plant an orange flower in gardens that do NOT have a perimeter of 48 feet.

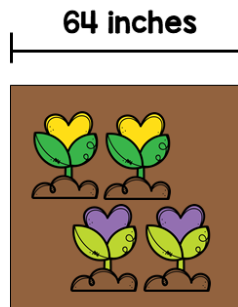


MARVEL Math

Built-In Word Problem Support

WORD PROBLEM

Rick is going to add a wood border around his square garden. What is the perimeter of his garden in inches?



256 square inches

MARVELMath



Delete this box for
step-by-step
help.

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

Aligned to the Standards

TEKS 4.5D

CCSS 4.MD.A.3

LEARNING ABOUT PERIMETER

Rectangles have opposite sides that are _____.

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



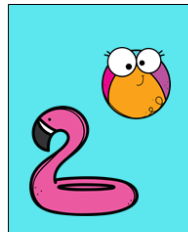
Type the missing side lengths in the empty boxes.



Complete the equation to find the perimeter.

20 feet

15 feet



feet



feet

PERIMETER



$$\square + \square + \square + \square = \square \text{ feet}$$

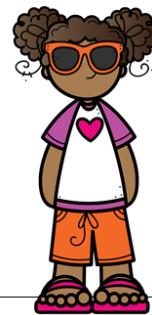
MARVELMath

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



different lengths

the same length



Assign the included key
along with the activity so
that **students and parents**
can check their work as
they go.

PERIMETER AND AREA OF Rectangles

Rectangles have opposite sides that are the same length.  pick one **different lengths**

Nala has a rectangle shaped pool.

25 feet
15 feet



15 feet



MARVEL Math

Find the **AREA** of Nala's pool.

AREA

$15 \times 25 = 375$ square feet

Find the **PERIMETER** of Nala's pool.

PERIMETER

$25 + 15 + 25 + 15 = 80$ feet

Features & Benefits

For teachers + students



Easy for Teachers 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 Resource

What if I don't have Google Classroom?

If you are a parent and want to use this resource, you can!



Follow the Instructions to make a copy of this resource in your Google Drive



Open the file for your child to use on a computer or mobile device