

Multi-Step Perimeter & Area

Video Lesson + Engaging Activities

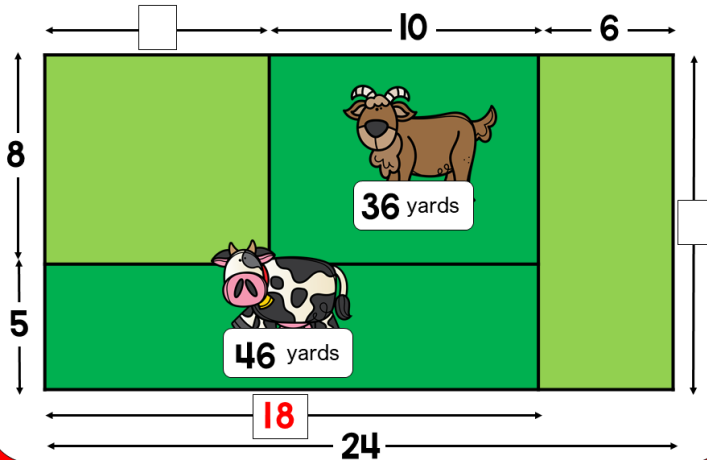
Created for Distance  Learning

TEKS
4.5D

CCSS
4.MD.A.3

FENCING THE FARM

Find the length of fencing needed for each section of the farm. Match the correct animal to each section by finding the perimeter of each section.



32 yards



38 yards

MARVELmath

MARVELmath

USE WITH **Google Drive**™

Link to Video Lesson Embedded in Google Slides



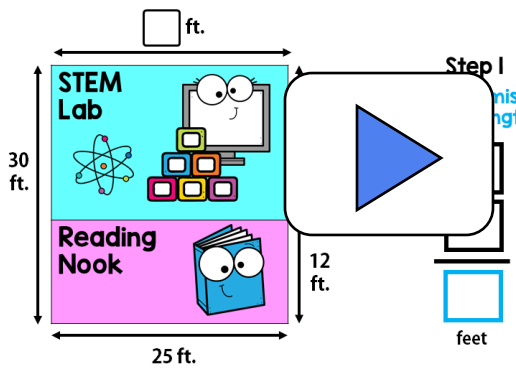
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M.A. Mathematics Education



Lesson 4
Multi-Step Problems
TEKS 4.5D
CCSS 4.MD.A.3

MARVELmath
MARVELMATH.COM

A room at a school is divided into a STEM lab and reading nook. What is the area of the STEM Lab?



Step 1
Missing length

Step 2
Multiply length x width to find the area

		
X		
		
	square feet	

Area of the STEM lab

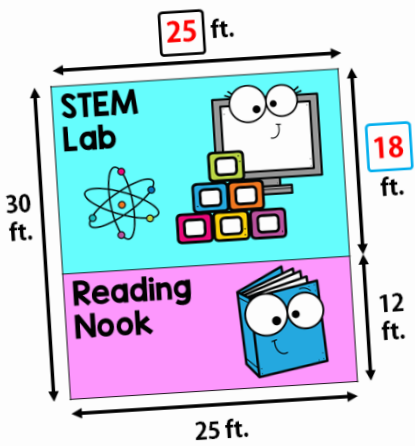


18

feet

Self-Checking Problems Included to Give Students Confidence

A room at a school is divided into a STEM lab and reading nook. What is the perimeter of the STEM Lab?



30 ft.

25 ft.

18 ft.

12 ft.

25 ft.

Step 1
Find the missing side length

30
- 12
18

feet

Check your work

18

feet

Step 2
Add the Side Lengths

Perimeter of the STEM lab

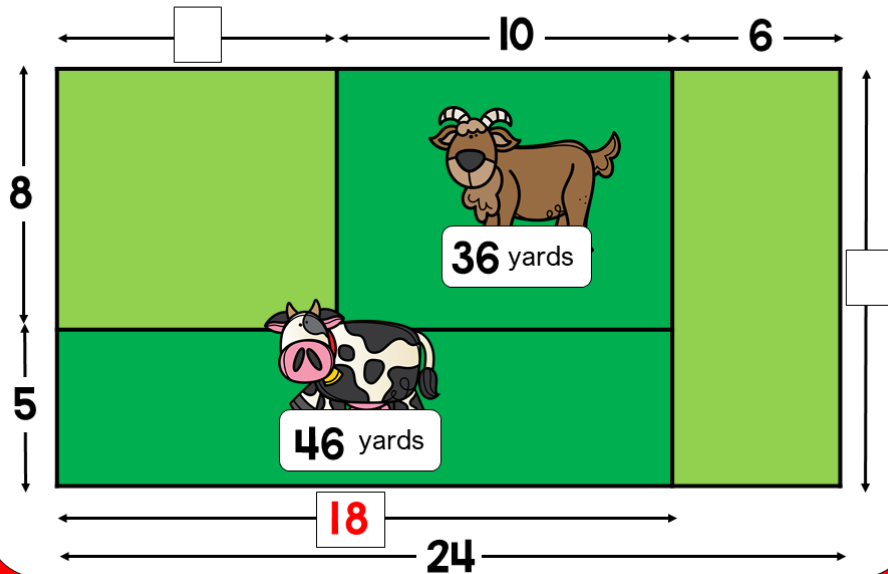
Check your work

MARVELmath

Movable Pieces for Student Engagement

FENCING THE FARM

Find the length of fencing needed for each section of the farm. Match the correct animal to each section by finding the perimeter of each section.



32 yards



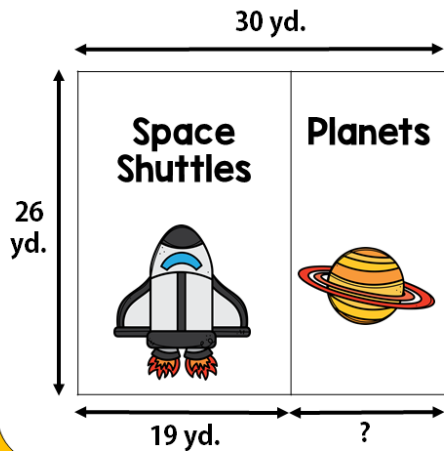
38 yards

MARVELmath

Built-In Word Problem Support

WORD PROBLEM

A space museum has sections for space shuttles and planets. What is the area of the section for planets?



286
square
yards

MARVELmath



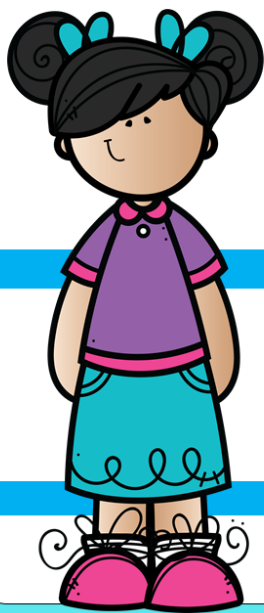
Delete this box for
step-by-step
help.

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

Aligned to the Standards

TEKS 4.5D

CCSS 4.MD.A.3



Multi-Step Perimeter & Area Problems Lesson 4

**I can solve multi-step
area and perimeter problems.**

TEKS 4.5D

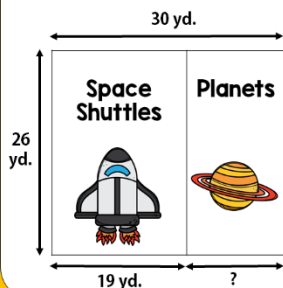
CCSS 4.MD.A.3

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

WORD PROBLEM

A space museum has sections for space shuttles and planets. What is the area of the section for planets?



MARVEL Math

1. Subtract
to find the
missing side
length.

$$\begin{array}{r} 30 \\ - 19 \\ \hline 11 \end{array}$$

2. Multiply
the length and
width of the
planets section.

$$\begin{array}{r} 26 \\ \times 11 \\ \hline 286 \end{array}$$

3. The answer is the **area**
of the planets section.

4. Think about the type of units **area**
is reported in.

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