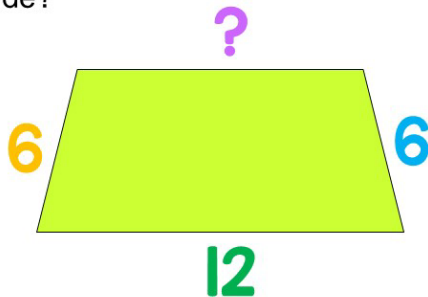


PERIMETER

Find the Missing Side

The perimeter of this trapezoid is **33** units. What is the length of the missing side?



1 Move the numbers from the problem to create a strip diagram to model this situation.



2 Find the sum of the side lengths you know.

$$\boxed{6} + \boxed{6} + \boxed{12} = \boxed{24}$$

3 Subtract the sum from the perimeter to find the missing side.

$$\begin{array}{r} \boxed{33} \\ - \boxed{24} \\ \hline \boxed{9} \end{array}$$

missing side =

9

MARVEL Math

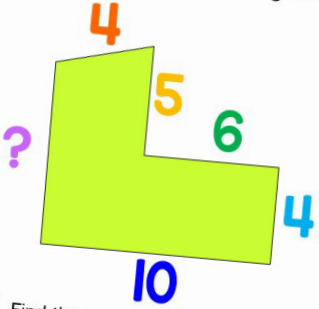
Interactive Google Slides

3rd GRADE

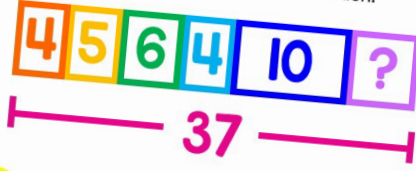
Video Instructions

Inside the Google Slides Activity

The perimeter of this hexagon is **37** units. What is the length of the missing side?



1 Move the numbers from the problem to create a strip diagram to model this situation.



2 Find the sum of the side lengths you know.

$$4 + 5 + 6 + 4 + 10 = 29$$

3 Subtract the sum from the perimeter to find the missing side.

$$\begin{array}{r} 37 \\ - 29 \\ \hline 8 \end{array}$$

missing side = **8**

MARVEL Math

1

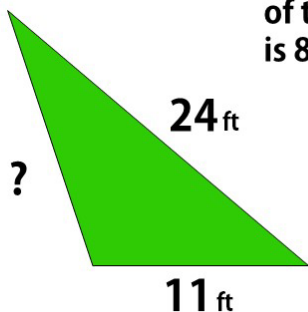
Use scratch paper to find the missing side of each shape.

2

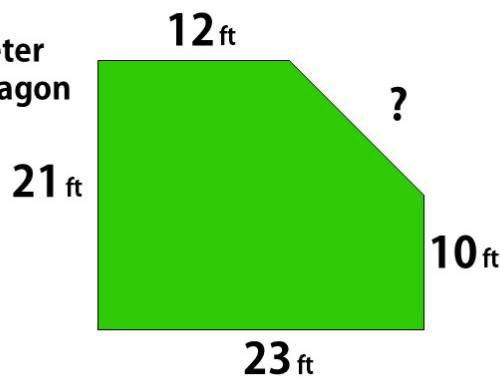
Move the worm with the correct number to label the missing side. Not all worms will be used.



The perimeter of the triangle is 52 ft.



The perimeter of the pentagon is 80 ft.



MARVELMath

Fun & Engaging Practice

Student Enjoy!

MARVELMath

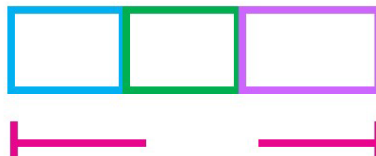
Students move the actual side lengths and perimeter from the problem to create a strip diagram and equations.

The perimeter of this triangle is **24** units. What is the length of the missing side?



2 Find the side lengths you know. Move the numbers from the problem into the box and type the answer.

1 Move the numbers from the problem to create a strip diagram to model this situation.



3 Subtract the sum from the perimeter to find the missing side. Move the perimeter from the problem into the first box. Then type the other numbers.

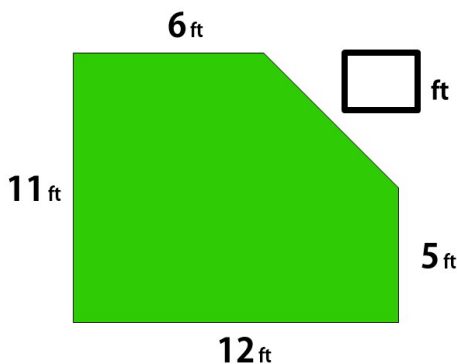
-	
missing side =	

No Prep

Easy to Assign

Easy to Use

Use scratch paper to solve the problem.
Type the answer in the box.



Angelique is putting a border around her garden. The perimeter of her garden is 41 ft. What is the length of the missing side?



MARVELMath

Aligned to the Standards

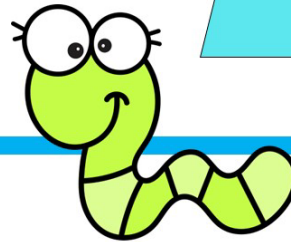
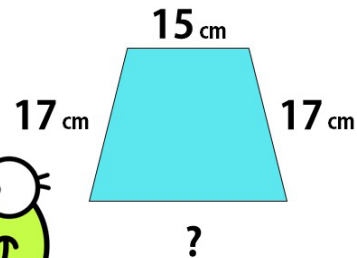
TEKS 3.7B

CCSS 3.MD.8

Perimeter Find the Missing Side



I can find the missing side length when I know the perimeter and other side lengths.



CCSS 3.MD.8 TEKS 3.7B

MARVEL Math

You Will Love This Resource:

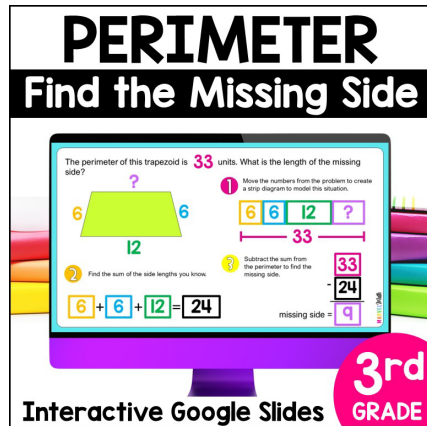
- ✓ **Easy to Assign** to Students in Google Classroom
- ✓ **Moveable Pieces** to Engage Learners
- ✓ Keep or remove Activities to **Fit the Needs of Each Learner**
- ✓ **No Prep:** no Photocopying, Laminating or Cutting

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

This resource:

You may also need:



-Instructions on how to complete the activity	Video	-Complete video lesson on how to find the missing side
-Practice the skill	Student Work	-Learn the concept -Practice the skill
-Activities are not self-checking and can be used for a grade	Student Support	-Self-Checking components -Word Problem support
-Interactive whole class lesson -Math station work -Seatwork	Ideal Uses	-Review -Reteach when time doesn't allow for teacher-led small group reteach -Math station work

What if I don't have Google Classroom?

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



Google Drive

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



Computer or Mobile Device

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

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.

