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# Welcome to CMS Math!

How to Help Your  
Student Succeed

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# Your Cascade Math Team

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# Our Curriculum - Open Up Resources authored by Illustrative Mathematics

- Digital Curriculum (i.e. on your student's iPad)
  - Divided into Units and Lessons
- Home Resources
  - [Lesson Summary at the end of each lesson](#)
  - [Open Up website: Family Materials](#)
  - [Khan Academy \(Illustrative Mathematics specific\)](#)



# Homework

## Why do we assign homework?

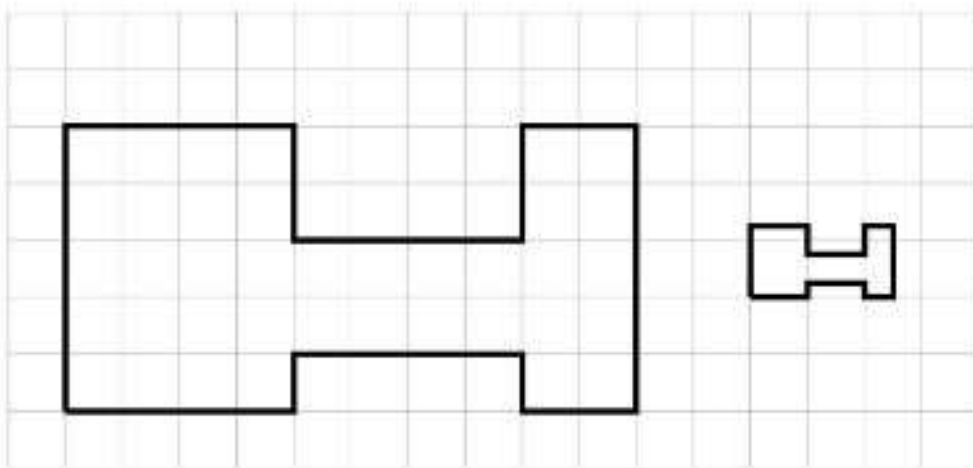
We only assign homework that **supports the main ideas** from class lessons. Sometimes this is a 4-part question, but sometimes we will skip a lesson . . . or two!

Our hope is that students are only spending around **10-15 minutes** a night working on their math homework - and only on those nights that homework is assigned from a lesson! If your student is stumped after 15 minutes, have them stop and write down a specific question to ask the next day in class.

# Homework - A Typical Night's Assignment

## Problem 1

The second H-shaped polygon is a scaled copy of the first.



1. Show one pair of corresponding points and two pairs of corresponding sides in the original polygon and its copy. Consider using colored pencils to highlight corresponding parts or labeling some of the vertices.
2. What scale factor takes the original polygon to its smaller copy? Explain or show your reasoning.

# Home Resources

We have several resources linked on the Cascade Middle School website!

<https://www.bend.k12.or.us/cascade/academics/academic-overview>

# Our Digital Learning Community

We use our iPads every day for our daily lessons.

Our Digital Workflow System:

- **Google Classroom:** Our class “home base” helps teachers deliver and organize assignments, boost collaboration, & foster communication in a paperless way.

# Absences

If a student is absent from class, Google Classroom should be their first stop to see what lessons they missed. Look for the weekly agenda announcements!

After that, students should sign up for the next possible Mountain Time math tutorial.



# How Can I Help My Student Succeed?

- Check in with your student! Set aside 10-15 minutes, a couple of times each week, to see what they are working on in class.
  - “Show me your math work from this week’s lessons.”
  - “Let’s look at the Lesson Summary for today’s lesson.”
- Encourage your student to do the homework from today’s lessons.

# The Importance of Productive Struggle

- Model a POSITIVE ATTITUDE toward math at home!
  - Avoid using language like *"I was never good at math."*
  - Instead, how about *"Math can be a struggle, but I believe you can learn it!"*

There is a huge difference between  
"I can't do this" and "I can't do this  
***yet!***"