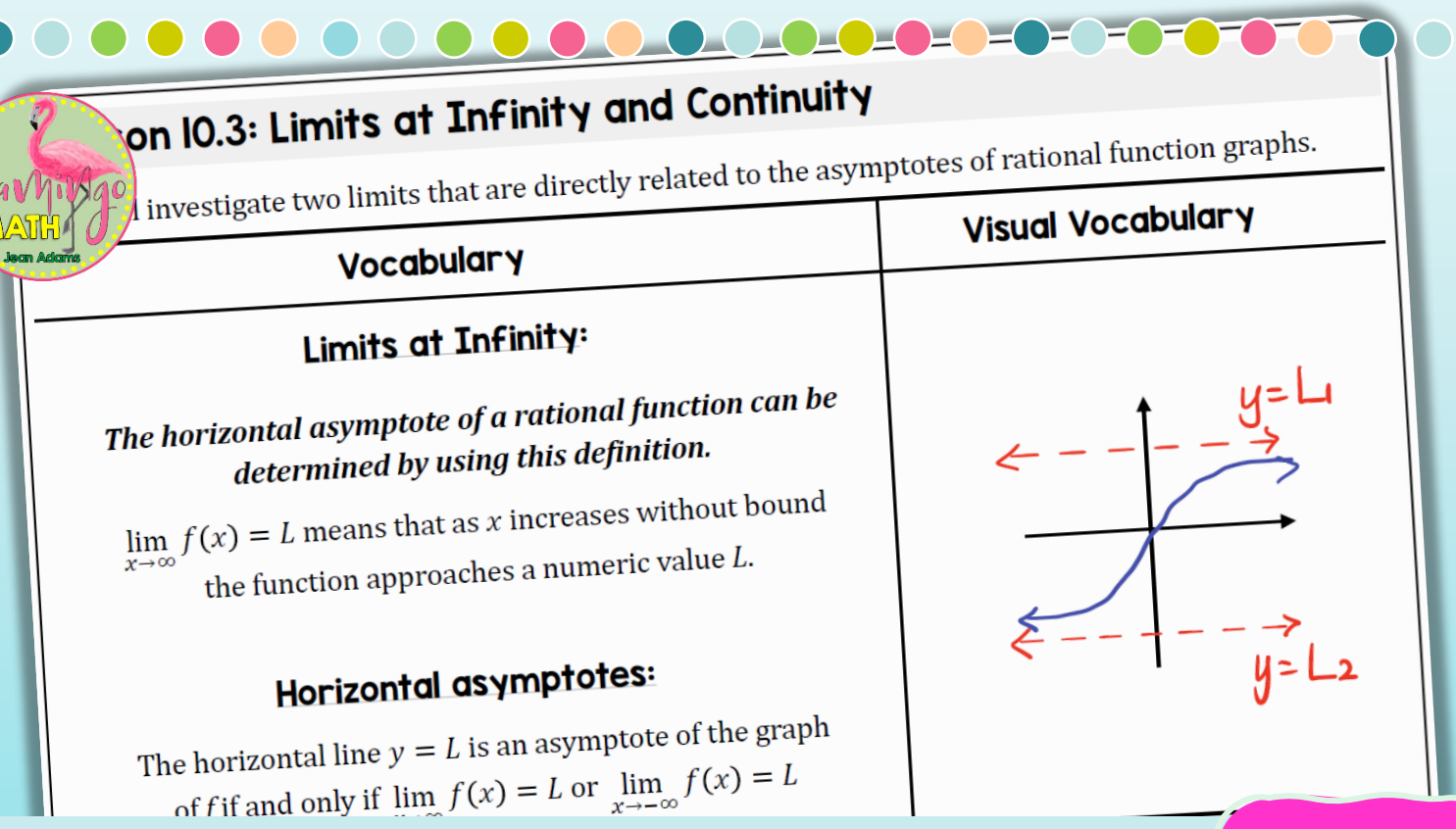
Precalculus Honors

Limits at Infinity and Continuity



Flamingo MATH Jean Adams

Completely Editable 10.3

Limits at Infinity and Continuity

Lesson 10.3 Limits at Infinity and Continuity is a two-day lesson designed for a Precalculus Honors course. The resources are **editable** and **customizable** to provide teachers with the ability to customize examples and practice sets needed for their particular learning environment.

Product Overview

The lesson includes fully-editable notes and practice sets

- Guided Student Notes
- Lesson Warm-Up – 2 versions
- Daily Lesson Quiz – 2 forms
- Homework/Practice assignment
- Google Slides®
- Fully-editable SMART Board® Slides (You **MUST** have SMART Notebook software to open these slides)
- YouTube Lesson Video link
- Answer keys and full solution sets

Learning Objectives & Essential Knowledge

★ Apply the rules of continuity
★ Find vertical asymptotes using limits
★ Find horizontal asymptotes using limits

College Board® Topics:

Topic 1.10	Exploring Types of Discontinuities
Topic 1.11	Defining Continuity at a Point
Topic 1.12	Confirming Continuity Over an Interval
Topic 1.13	Removing Discontinuities
Topic 1.14	Connecting Infinite Limits and Vertical Asymptotes
Topic 1.15	Connecting Limits at Infinity and Horizontal Asymptotes

Teaching Options

Presentation Tools

The purchaser of this resource is granted permission to post the guided notes to a private password-protected learning management system for use by students (such as Google Classroom or Canvas).

There are two choices for presentation tools.

- ***SMART Board Slides*** If you have a SMART Board and SMART Notebook software, you can open and edit the SMART Board slides.
- ***GOOGLE Slides*** If you like to annotate on Google Slides using an iPad or tablet and the Notability App or Explain Everything App

Click the link below to gain access to a copy of the Google Slides.

Limits at Infinity Google Slides

If you flip your classroom, have distance learning needs, or have students that just need remediation or re-teaching, you can use this video lesson and the set of Guided Notes to help your Precalculus students master the lesson for ***Limits at Infinity and Continuity.***

1. Students will use the set of **Guided Notes** to follow along with the video lesson. Students can print the notes and have a copy to follow along with the video lesson.

2. Students can access the **Video lesson (23:25) minutes)** on You Tube. You can assign sections of the video or the entire recording.

Click the link below to gain access to view my YouTube Lesson, or send students the shortened link:

Limits at Infinity Video

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You May:

- Make copies for your classes.
- Post on a website for your students that is password protected.
- Use year-after-year for other classes you may teach.
- Share images of the product in action on your social media sites as long as you *provide a link back to my site or the product in my shop.*

You May Not:

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- **Violations are subject to penalties of the Digital Millennium Copyright Act (DMCA).**

Meet the author:



My goal is to help you bring balance into your teacher life by providing relevant content, engaging activities, and comprehensive assessments for your high-stakes math course.

Jean Adams

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Credits: