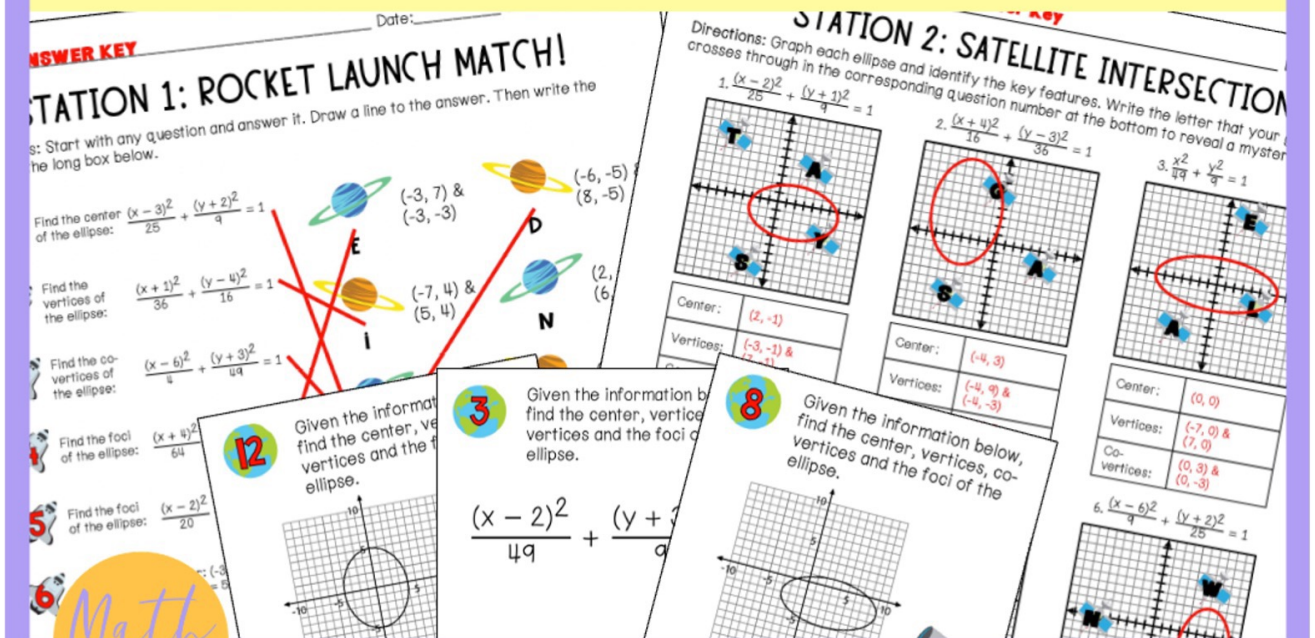
keep scrolling to get a sneak peek!

Help your PreCalculus students review **conic section - ellipses** skills with these space themed review stations!

Students will be eager to get the self-checking & student choice benefits from these activities!

CONIC SECTIONS: ELLIPSES REVIEW

Precalculus Stations



4 Station Activities & Answer Keys

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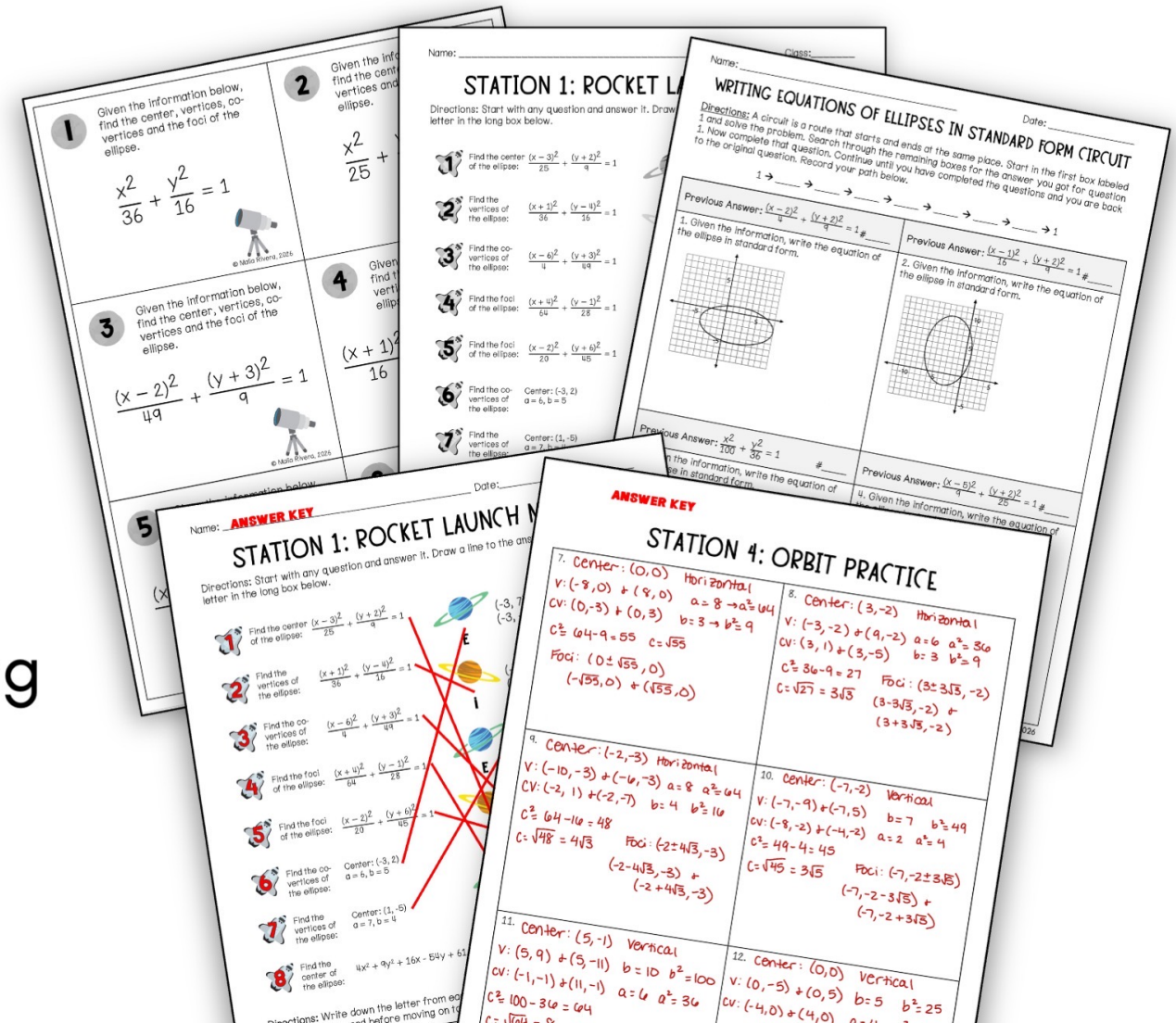
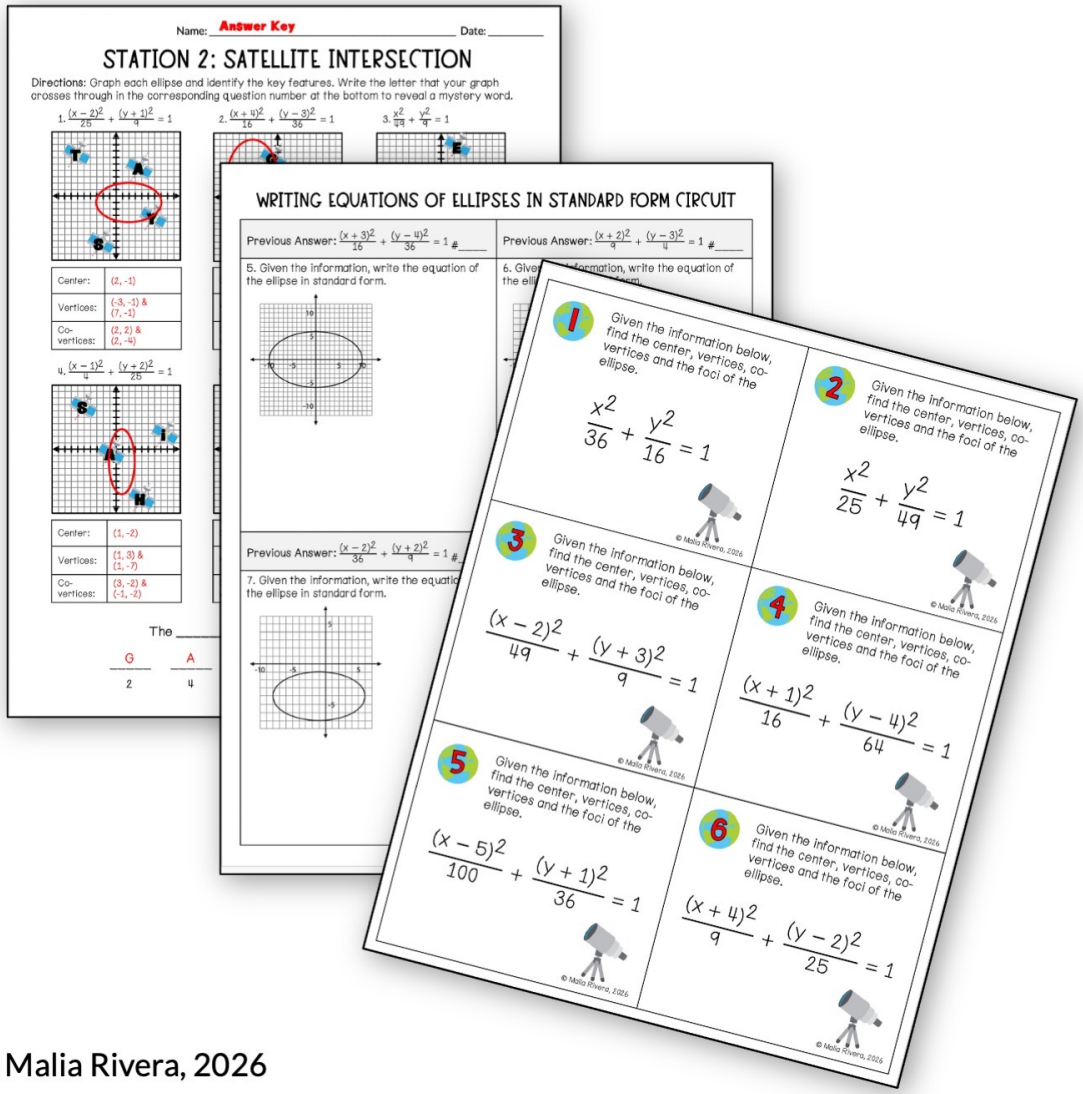
why do you need this?

Ellipses Conic Sections Review Stations

- There are a variety of activities that cover several topics.
- Help your students practice these essential math skills.
- The activities have self-checking components so students can receive feedback!

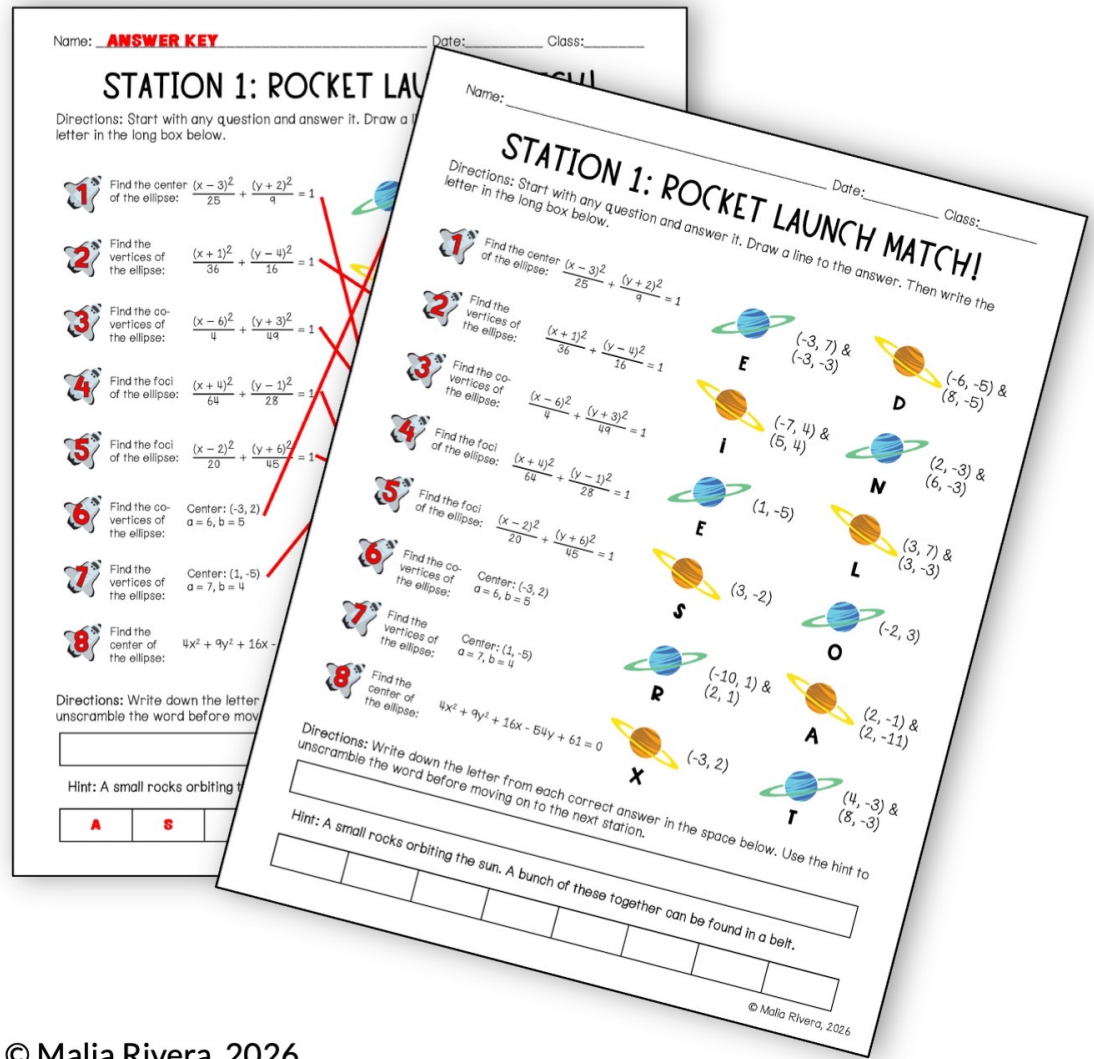


Ellipses Conic Section Review Stations *includes*:



- ✅ 4 printable station activities
- ✅ answer keys
- ✅ teacher & student directions
- ✅ color & printer-friendly versions

station 1 - Rocket Launch Match



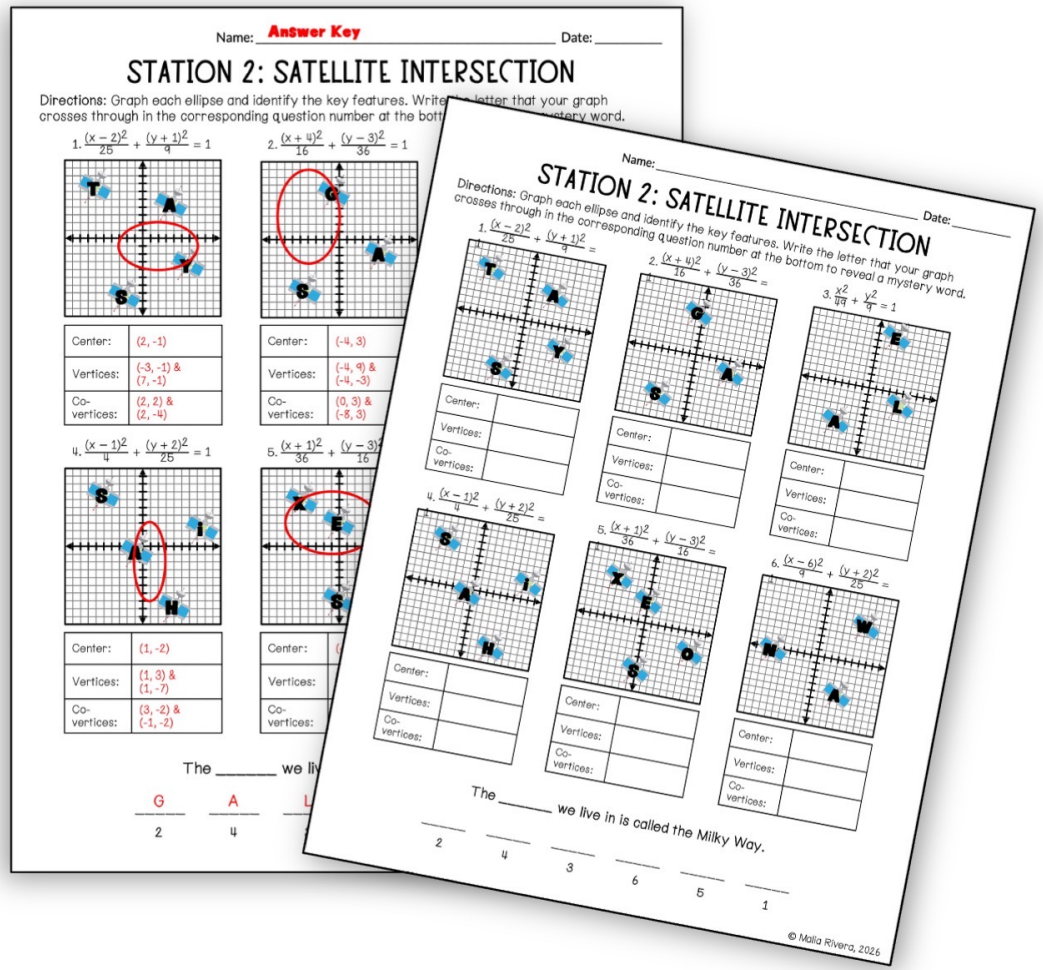
Skill: Identifying Key Features of an Ellipse

Students will be given ellipses in various forms and identify key characteristics like the center, vertices, co-vertices, and foci. Students will connect the question to the answer (planet) to identify a letter in the mystery word. This is **self-checking** since the word that is revealed must be spelled correctly.

Includes:

- 8 questions
- recording sheet to show work
- detailed answer key

station 2 - Satellite Intersection



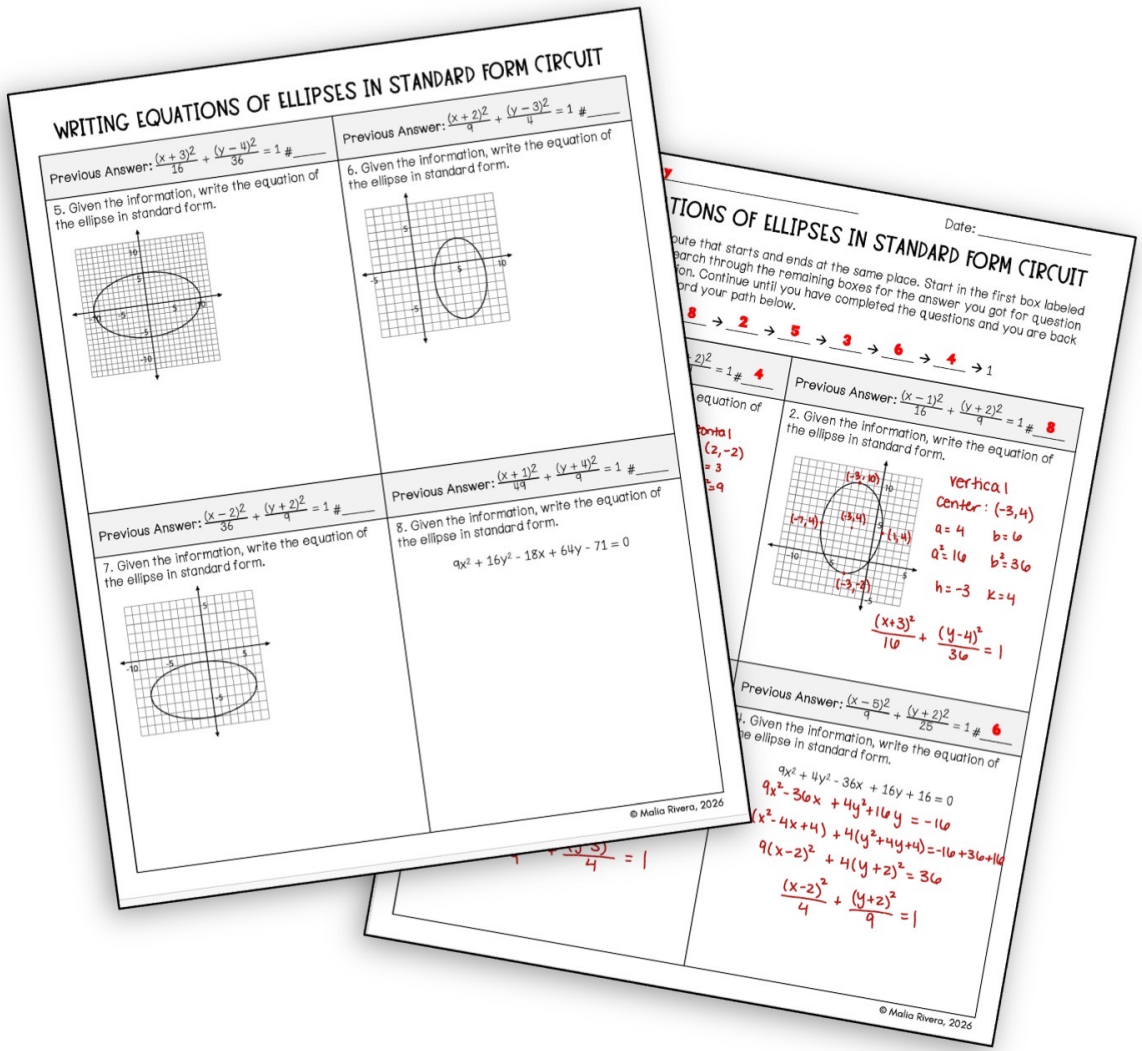
Skill: Graphing Ellipses & Identifying Key Features

Students will graph the given ellipse equation in standard form and identify key features. The correct graph will intersect a satellite with a letter on it. This is self-checking because the letters will reveal a mystery word at the bottom.

Includes:

- 6 questions
- Detailed answer key

station 3 - Shooting Star Circuit



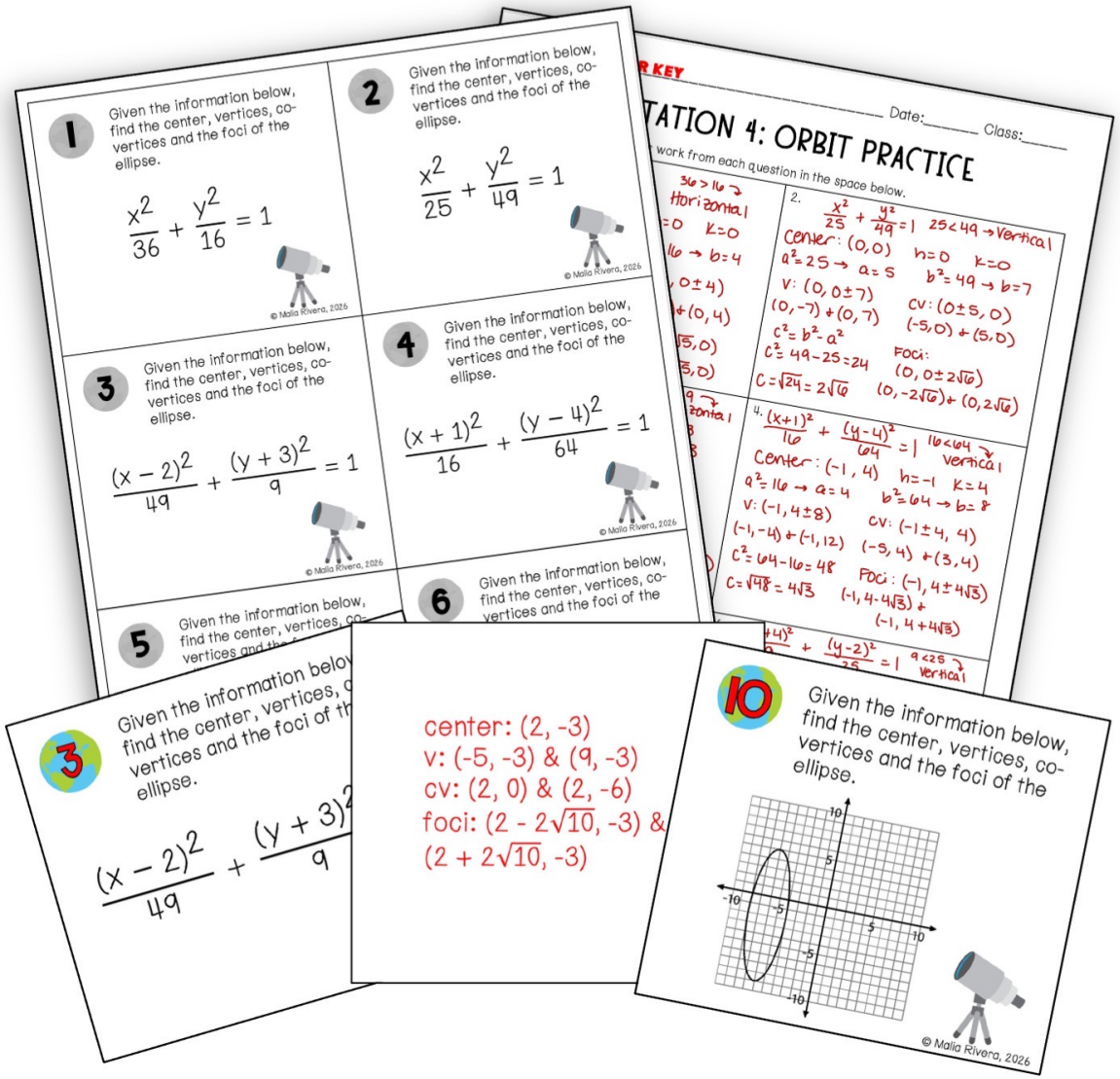
Skill: Writing Ellipse Equations Given a Graph or Expanded Form

With this self-checking circuit worksheet, students will start with question 1, write the equation of the ellipse given the information, and search for the answer above their next problem to solve. They will have completed the circuit correctly if they answer all the problems and end back up at the first question to complete the loop.

Includes:

- 8 questions
- detailed answer key

station 4 - Orbit Practice



Skill: Identifying Key Features of Ellipses from Equations & Graphs

Given the equation or graph of an ellipse, students will need to identify the center, vertices, co-vertices, and foci. These task cards can be self-checking if you choose to print them with the answers on the back.

Includes:

- 12 questions
- recording sheet
- Answer key

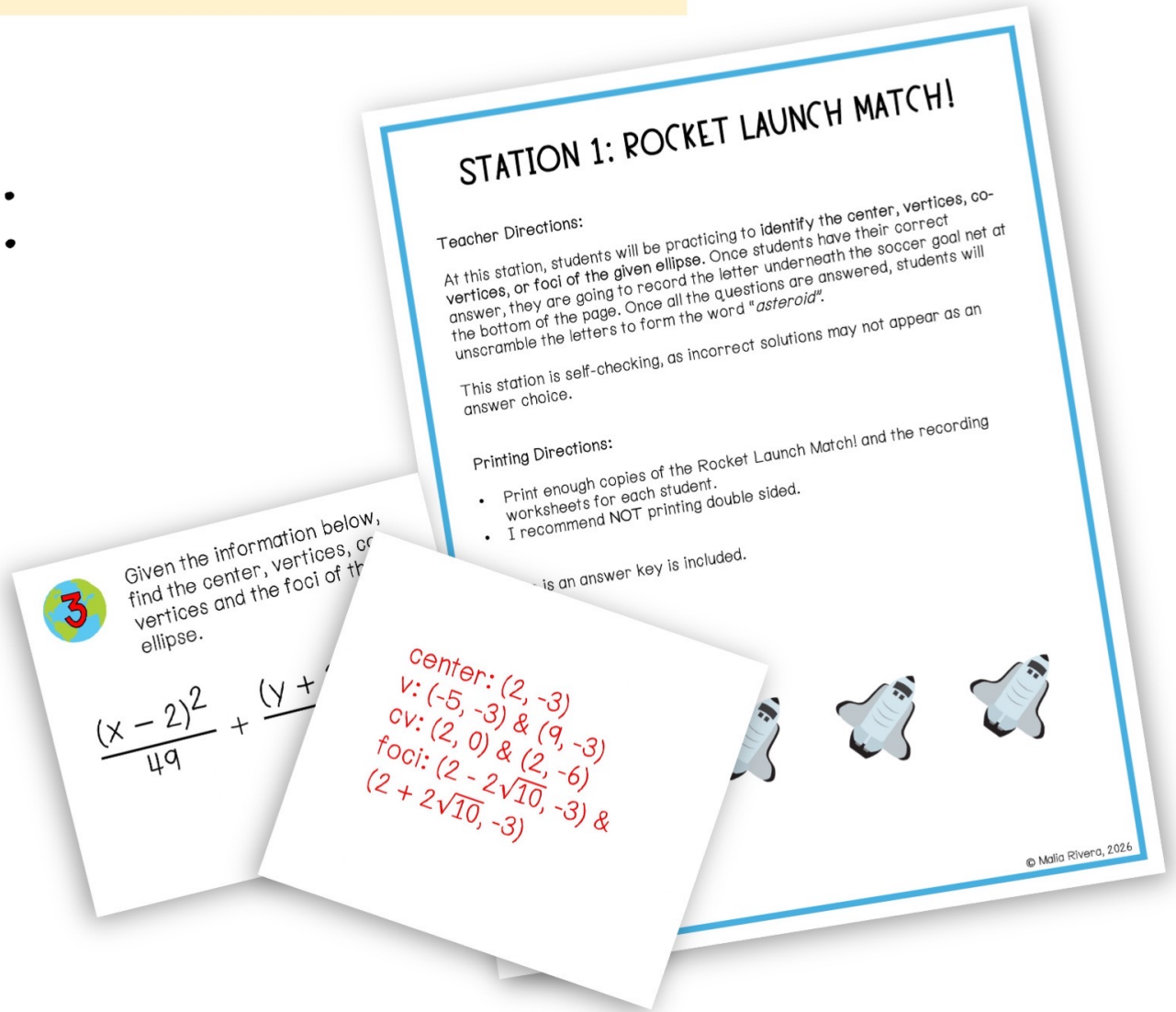
Ellipses Conic Sections Review Stations

standards covered:

CCSS: HSG-GPE.A.3

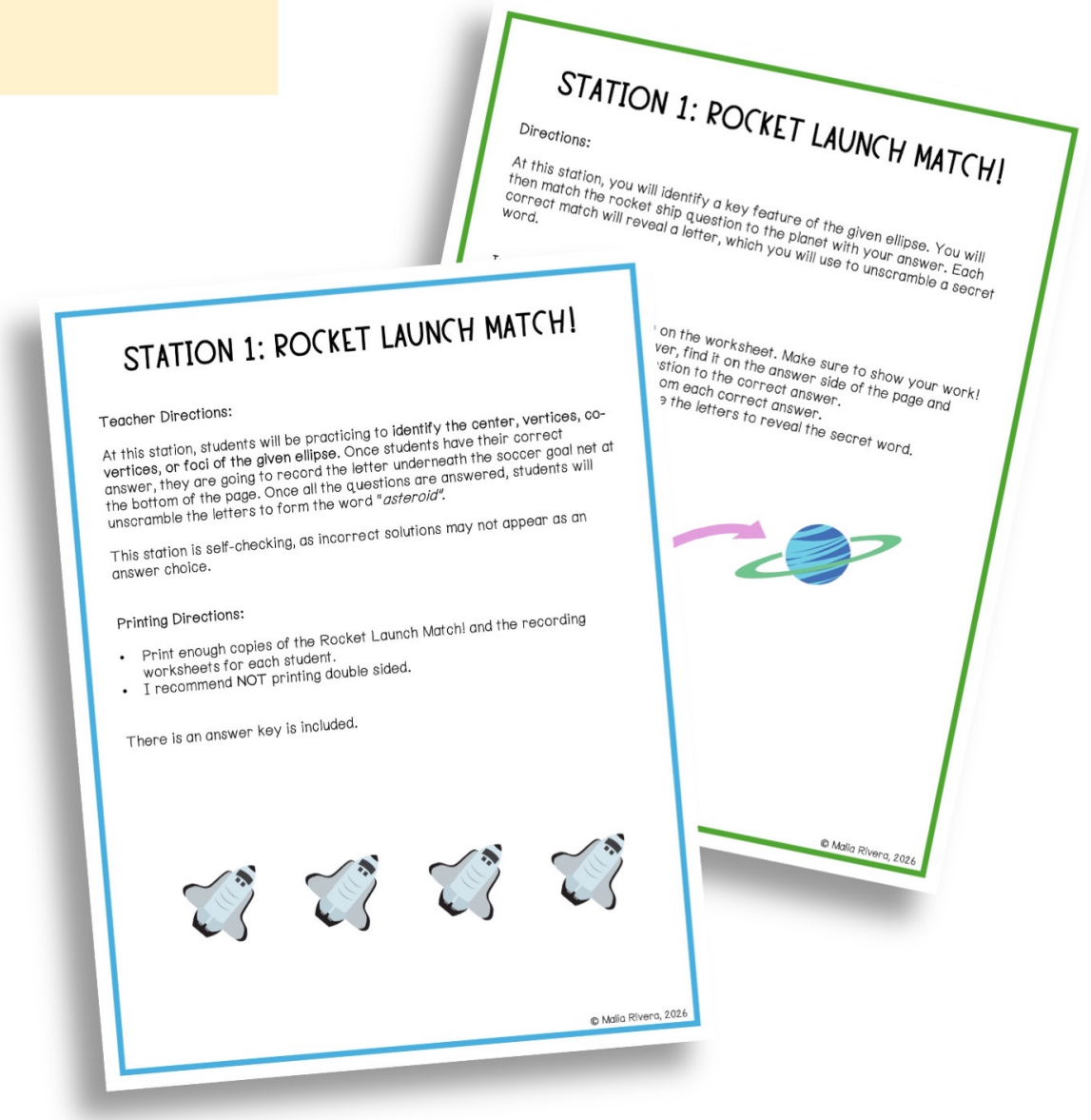
TEKs: P.3.H

VA SOLs: AG.MA.6

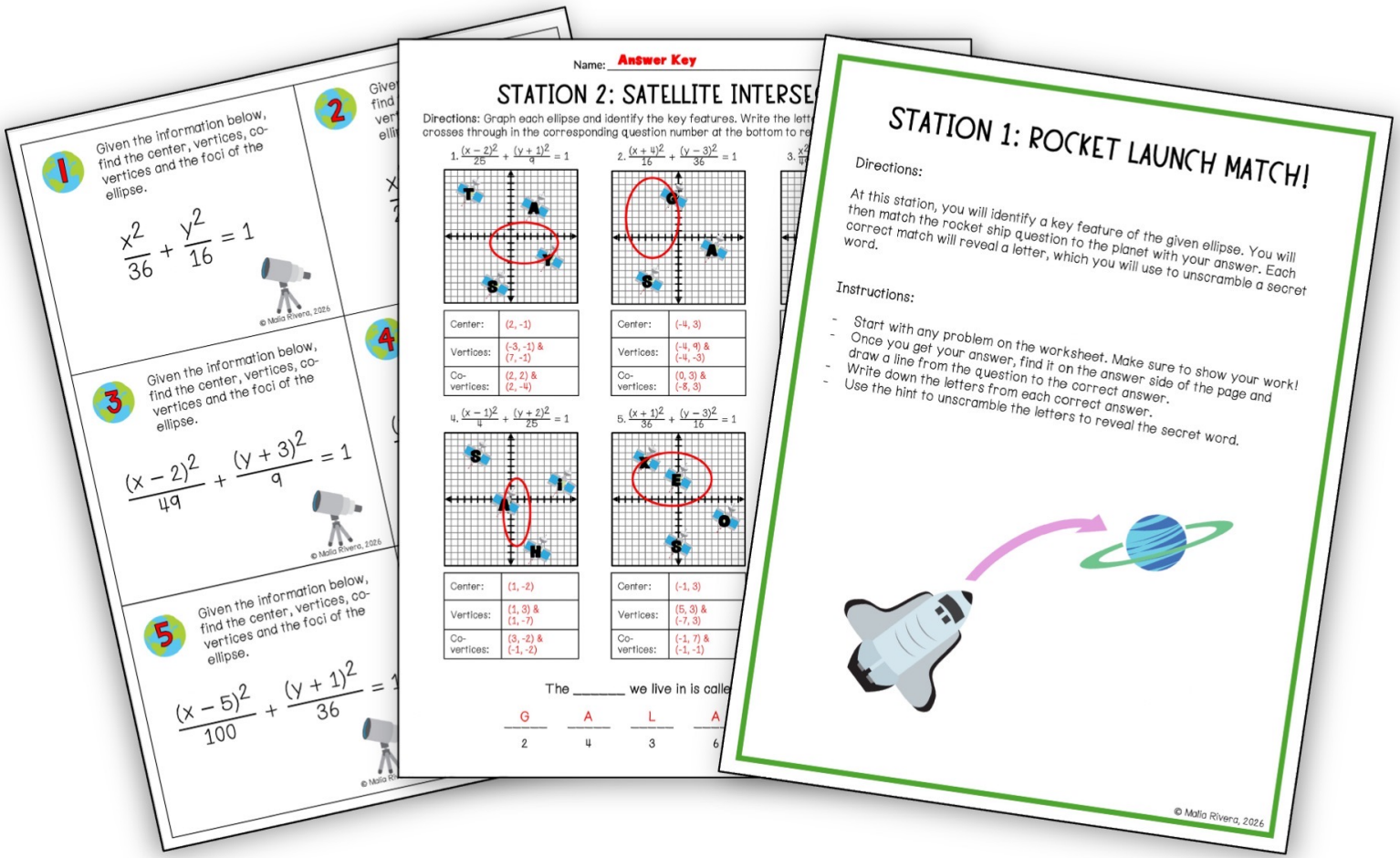


Space Ellipse Review Stations

Teacher and printing directions included. Student directions to be printed at each station are also included!



how to use this resource



This is a great activity to use when reviewing for an end of unit assessment on **conic sections and ellipses** or as an end of year review.

hey there!

My name is Malia and I'm passionate about making learning and practicing math fun. I love creating engaging math resources for my students and I hope your students enjoy this activity too!

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