

Hurry! The offer won't last.....

Conics Video Project

42 Points

Introduction:

You will create an infomercial for your chosen conic section. Your goal is to make everyone want to buy your conic section, or at least appreciate why your conic section is important. The infomercials will then be shown to a different advanced math class and they will pick the winner.

Details:

Your infomercial must include the following:

- General facts about your conic section
- At least two real-world uses and/or examples of your conic section
- Why the conic section is important in mathematics
- Why the conic section is important in real life (i.e., what would happen if we did not know anything about this conic section, what couldn't we figure out, etc.)
- Explain one part of the conic section in detail (i.e. the focus, directrix, transverse axis, etc.)

Grading:

You will be graded on the accuracy of your facts as well as the depth of your explanation. Your video should be both informative and entertaining. A script must be turned in along with your video. The attached rubric shows how you will be graded.

Due Dates:

Work days-- Thursday May 10, Friday May 11, Monday May 14

Video due: Tuesday May 15

Video viewed: Tuesday May 15 or Wednesday May 16

	3	2	1
Script (x2)	Script is complete and it is clear what each actor will say and do. Entries and exits are scripted as are important movements. Script is quite professional.	Script is mostly complete. It is clear what each actor will say and do. Script shows planning.	Script has a few major flaws. It is not always clear what the actors are to say and do. Script shows an attempt at planning, but seems incomplete.
Concept	Overall concept of the infomercial makes sense and contains seamless transitions from one idea to the next.	Concept of the infomercial makes sense but contains choppy transitions	Infomercial is lacking continuity. Actors seem to invent what they say and do as they go along.
Accuracy of facts (x3)	All facts and math are accurate. There can only be one minor error.	There are few minor errors on the facts and/or math.	There are multiple minor errors and/or a major error.
Depth of explanation (x3)	Why the conic section is important is well thought out. Original ideas are shared and research is evident.	Why the conic section is important is well thought out. There are either original ideas or research, but not both.	This section is lacking in the infomercial. It is addressed, but much more thought is needed.
Conic section detail (x3)	All facts are accurate and well explained. There are no mistakes or missing parts.	All facts are accurate and well explained. There may be one mistake or missing part.	This section is not well addressed. Information is missing and/or inaccurate.
Quality of video	Excellent	Good	Poor
Creativity and originality	Video is both informative and entertaining. Facts are presented but the audience is still engaged. Idea is original.	Video has flashes of creativity and engagement with the audience, but it does not last the entire time.	Video simply presents facts about the conic section.
5 bonus points to winner			
			Total out of 42