

Name _____



Donald Duck in Mathmagic Land

PREVIEW QUESTIONS

1. What is your first thought when you hear the word “math”? Do you think math is fun? Did you ever see anything in math that surprised you?

2. Do you ever use math to solve everyday problems? How?

3. Who was Pythagoras? Who do you suppose the Pythagoreans were? Can you name any other mathematicians?

WHILE VIEWING QUESTIONS

1. Pythagoras was a Greek mathematician. What are some of the mathematical contributions he made?

2. What is a Golden Rectangle? Why is it important in architecture and art? Do you see anything that looks like a Golden Rectangle in your classroom?

4. What are some ways that math is a part of your daily life? What about the lives of the people in your community? The government?

5. Can you suggest some ways that math is present in nature?

6. The video refers to a number of games that rely on geometric or other math principles in order to be played. What were some of these games and how is math used in them?

7. The video spans three millennia and shows mathematical achievements from ancient to modern times. What are some inventions that exist today that weren't shown in the video?
Name some ways that math is used in these achievements.