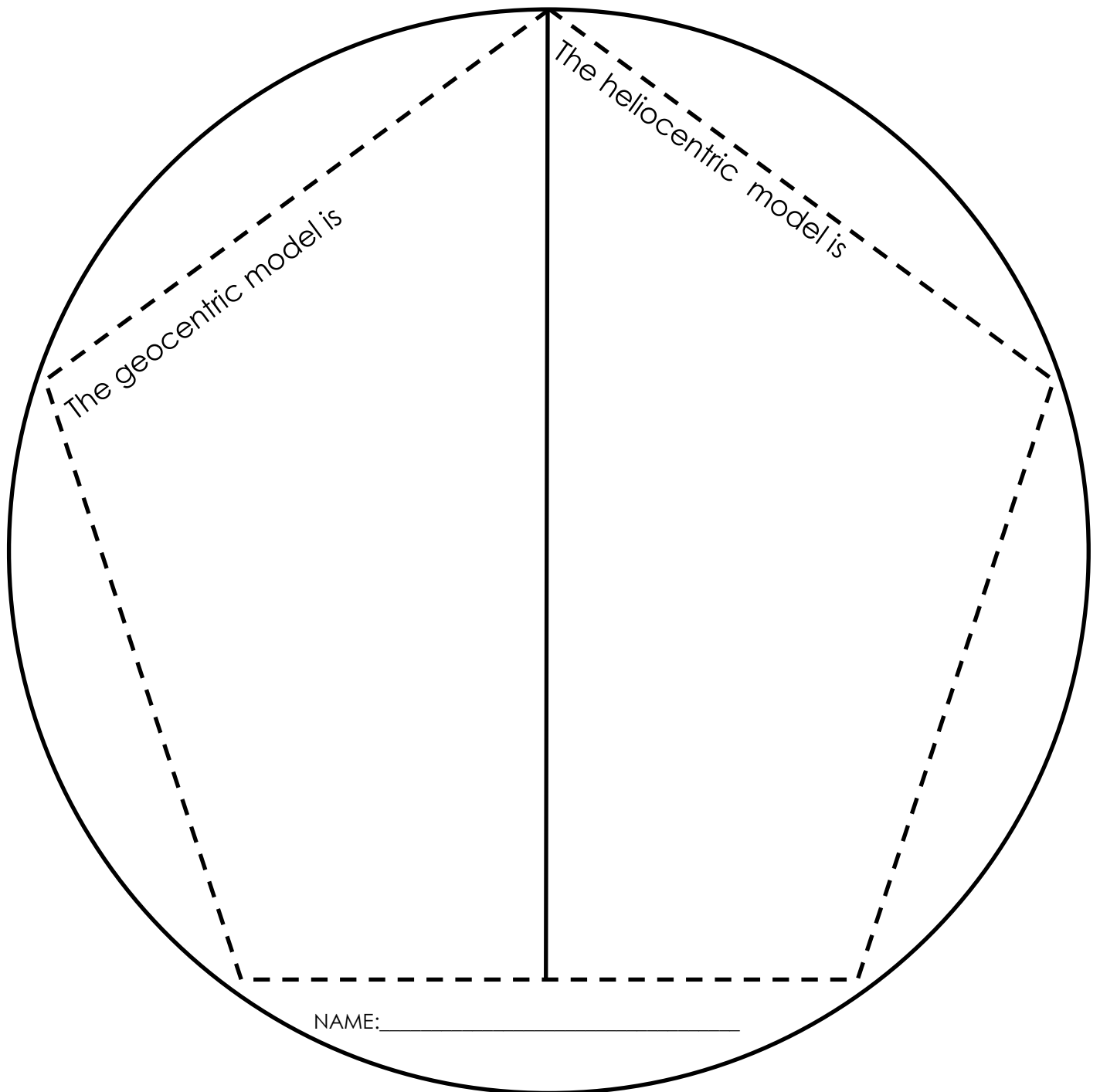


**Panel 1:** Draw a diagram of the geocentric model and a diagram of the heliocentric model. Describe each model.

Page 555 in textbook

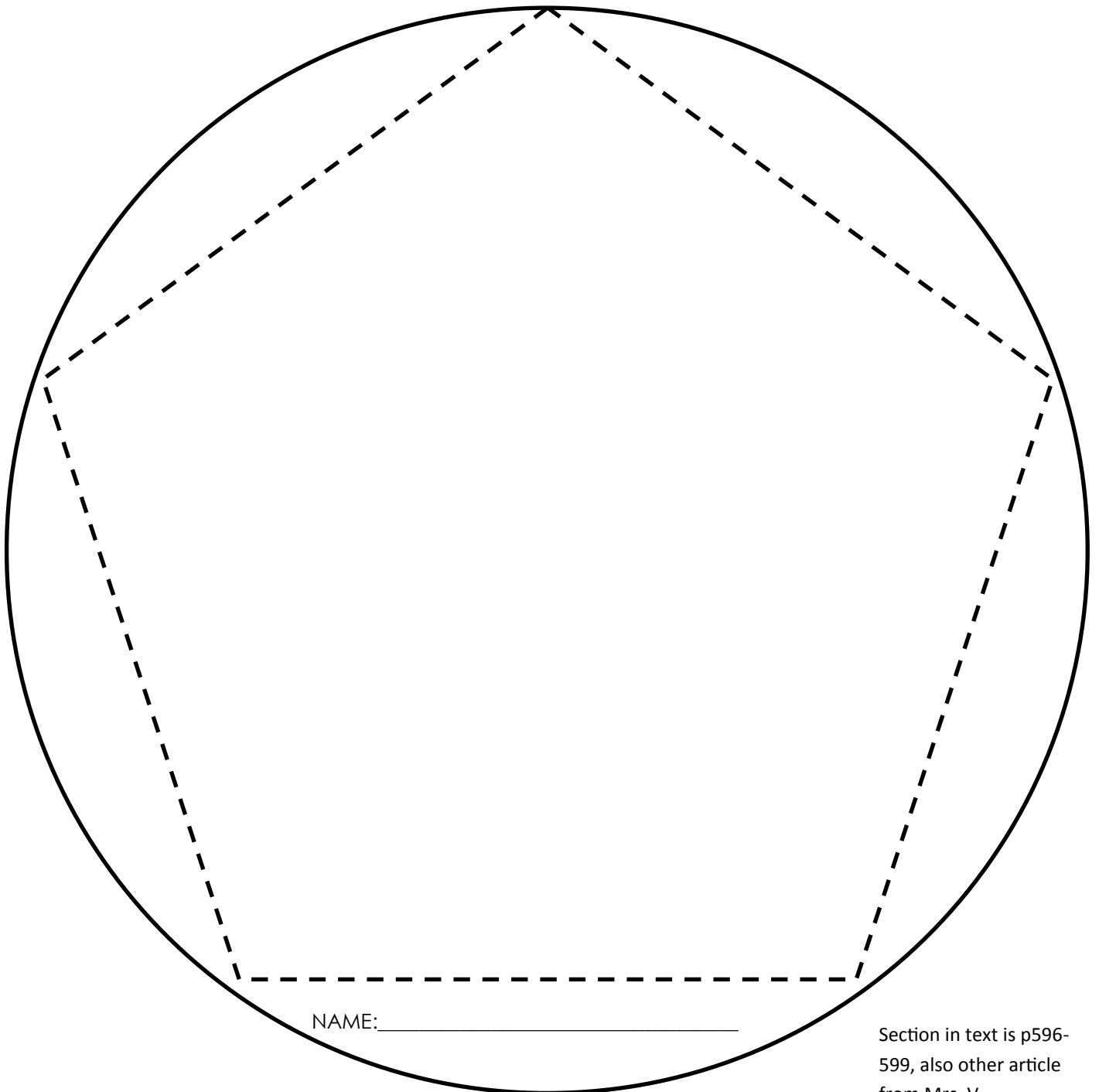


## Panel 2: The Milky Way Galaxy

Address the following questions:

What is a galaxy? What are the different shapes galaxies can take? What galaxy do we live in? Describe our galaxy and our position in our galaxy.

Create a visual representation of our galaxy.



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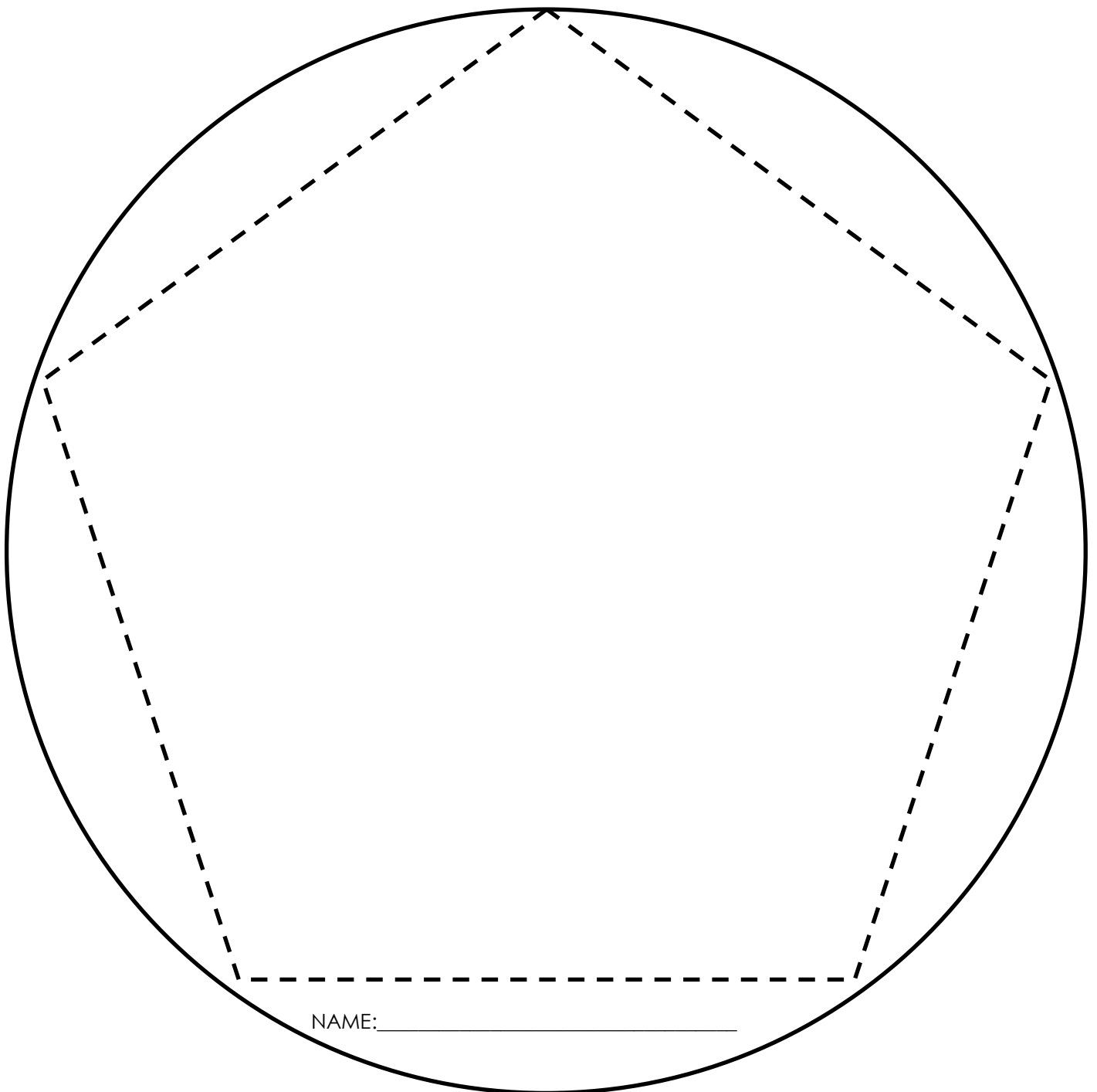
Section in text is p596-599, also other article from Mrs. V

### Panel 3: The Formation of the Galaxy p 570, 600-603

Describe the Big Bang Theory

Explain the evidence used to support the Big Bang Theory

Describe the structure of the universe. Describe how the universe is still changing today.

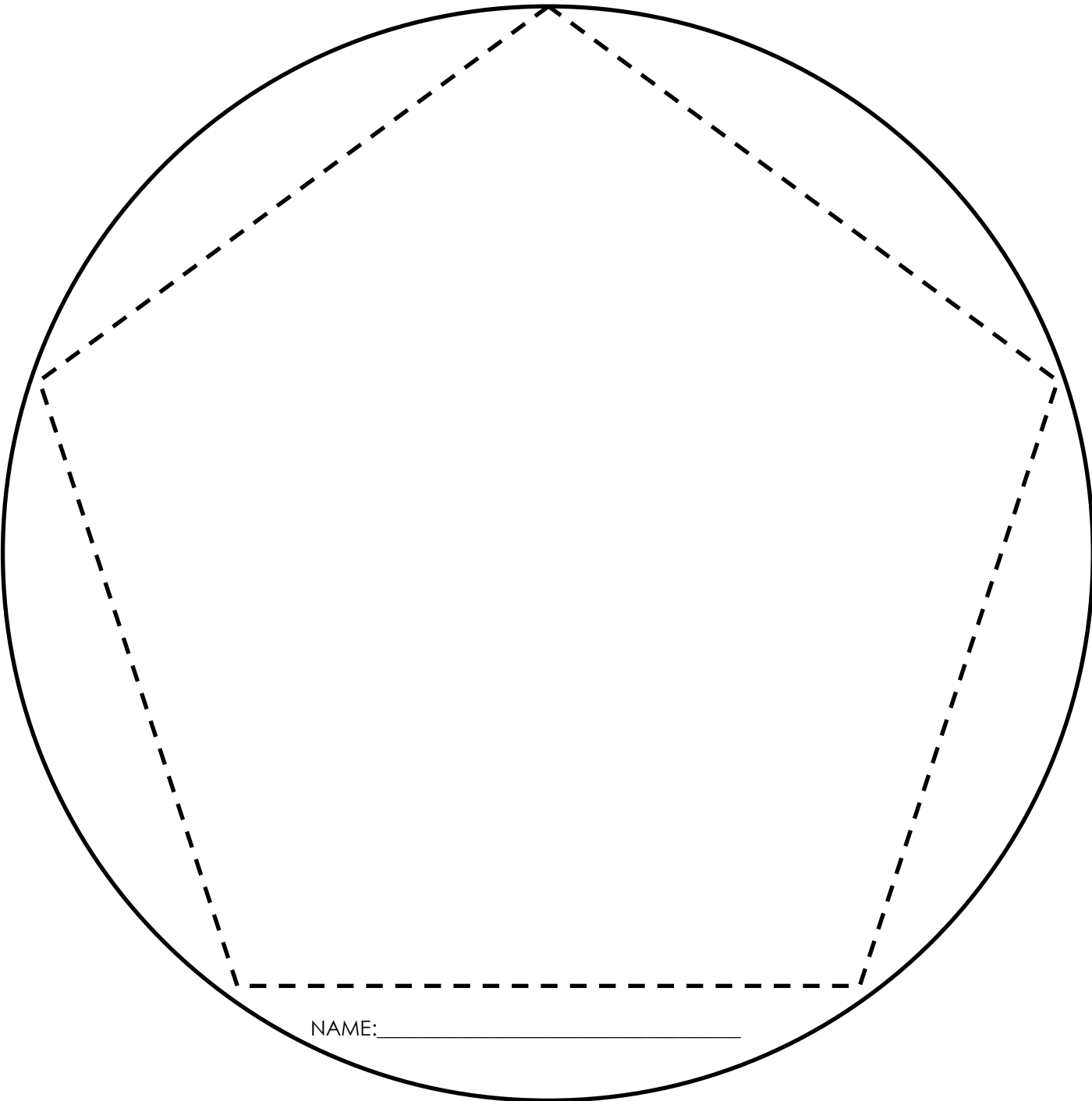


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**Panel 4: Earth's Natural Satellite** pages 660-662

What is the moon? What are the characteristics of the moon?

Draw a diagram of the phases of the moon.

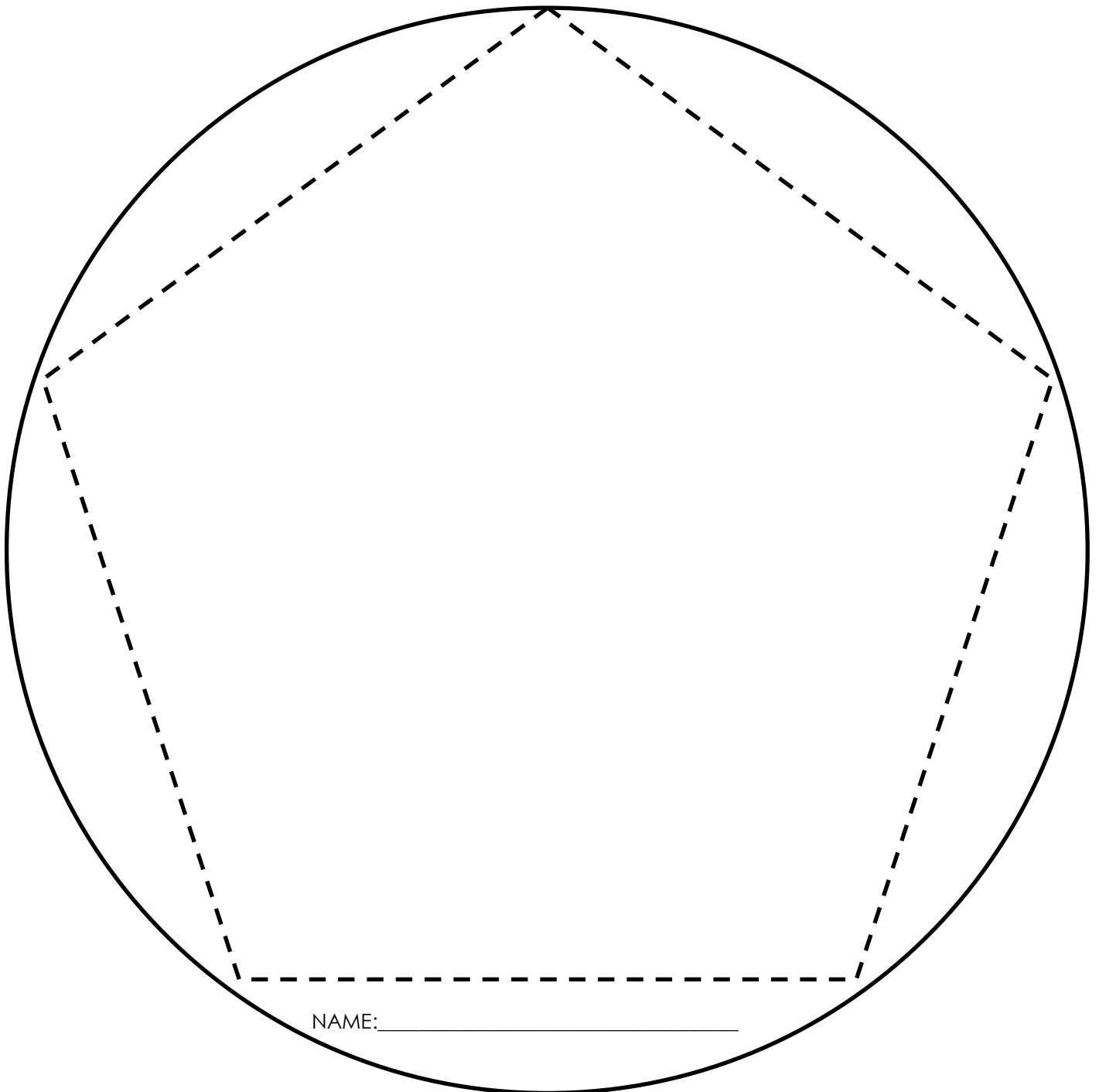


NAME: \_\_\_\_\_

## Panel 5: Mercury and Venus

Pages 648-649

Include the following information for each planet: Distance from sun, diameter, period of rotation, period of revolution, surface temperature, surface gravity, a picture of each planet, interesting facts.

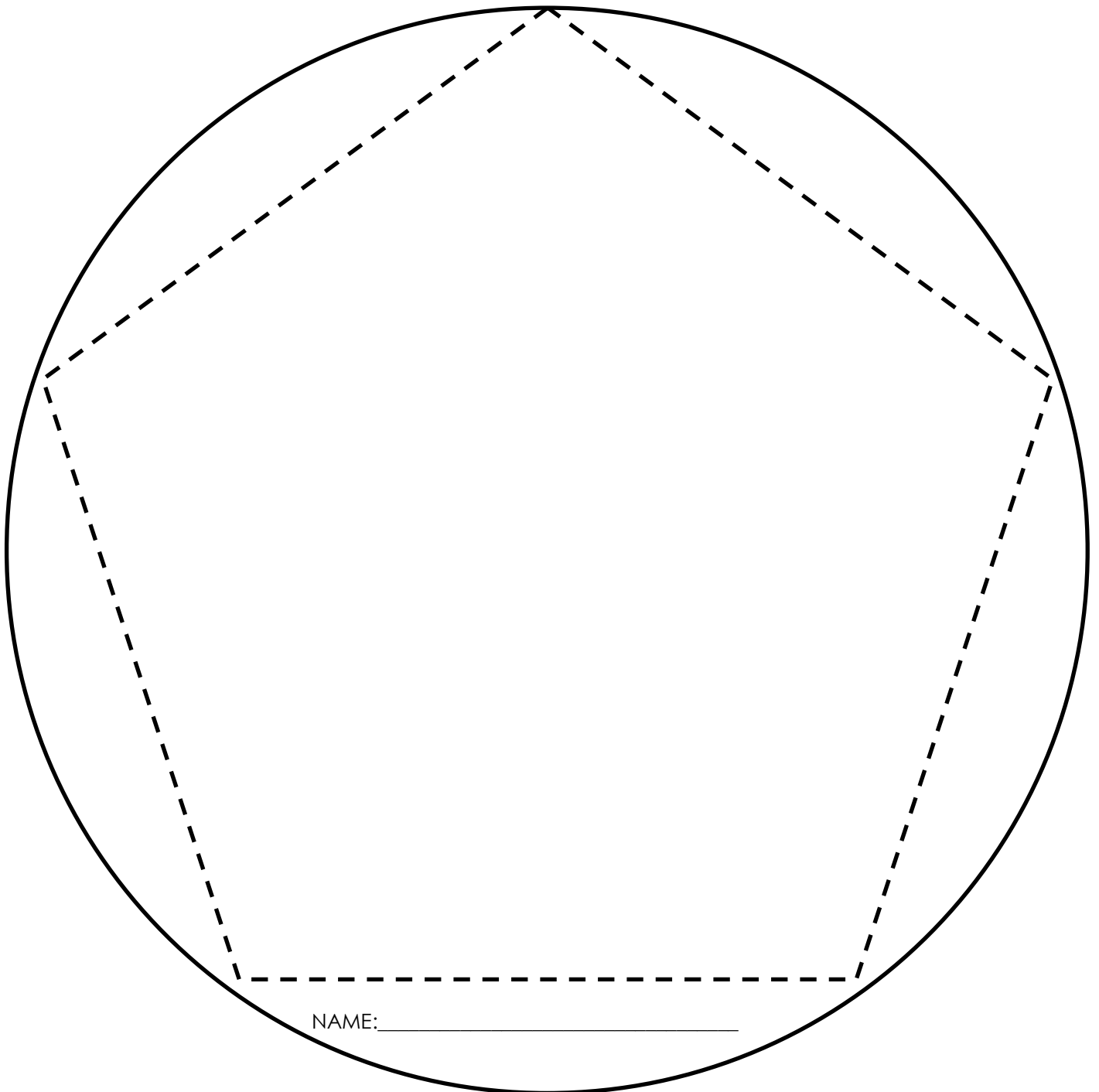


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## Panel 6: Earth and Mars

Pages 650-653

Include the following information for each planet: Distance from sun, diameter, period of rotation, period of revolution, surface temperature, surface gravity, a picture of each planet, interesting facts.

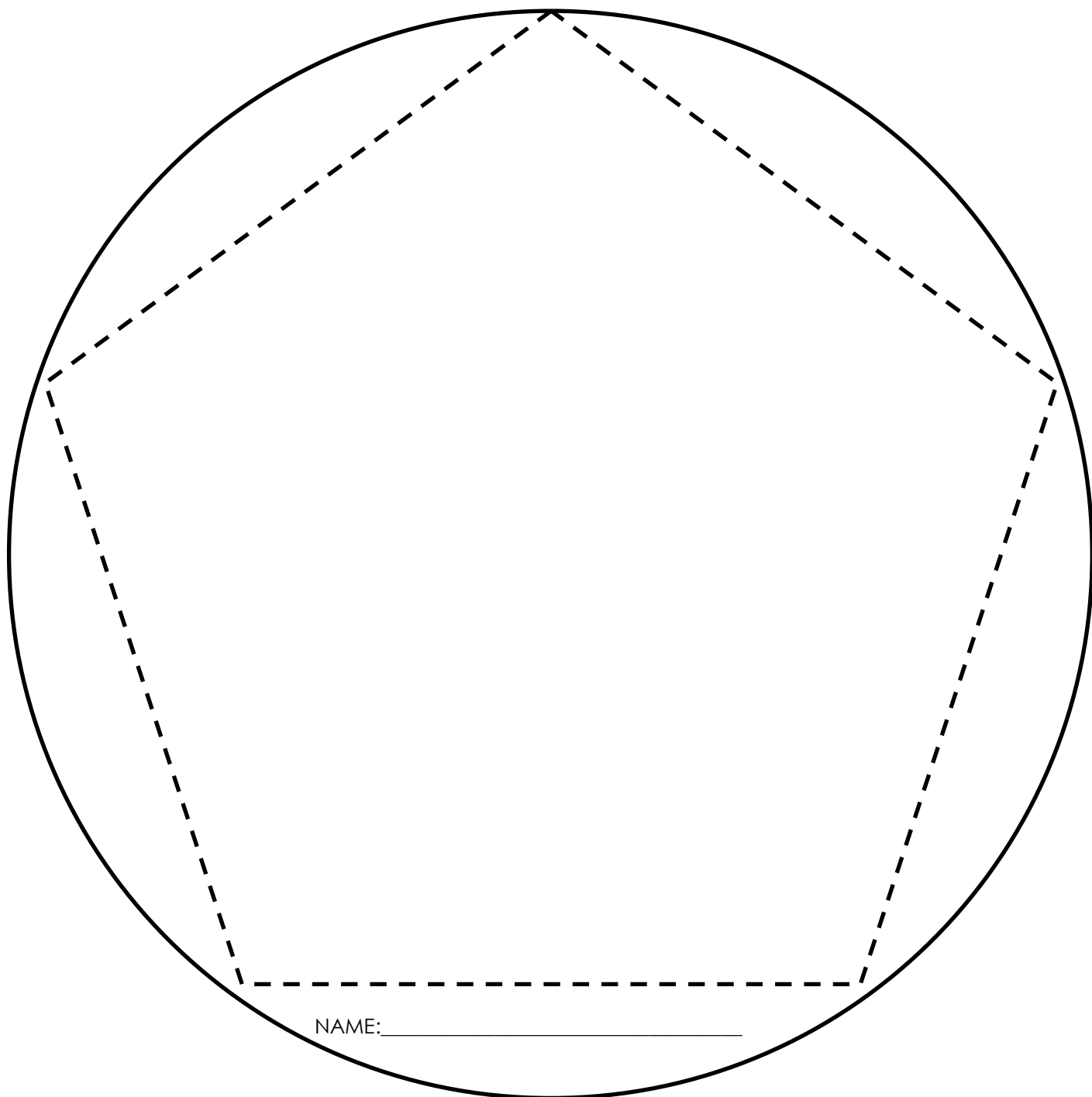


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## Panel 7: Jupiter and Saturn

Pages: 654-655

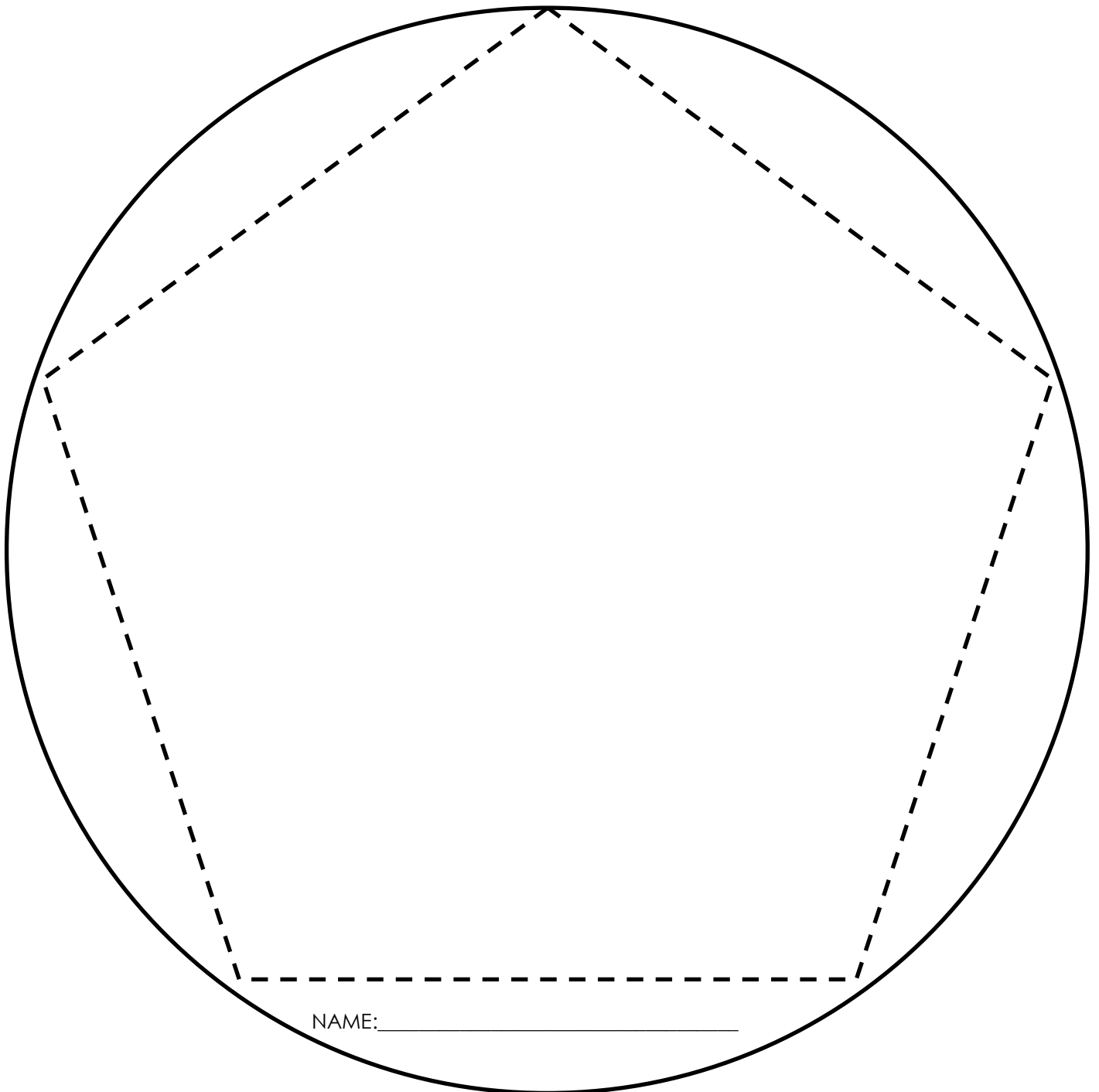
Include the following information for each planet: Distance from sun, diameter, period of rotation, period of revolution, surface temperature, surface gravity, a picture of each planet, interesting facts.



## Panel 8: Uranus and Neptune

Pages: 656-657

Include the following information for each planet: Distance from sun, diameter, period of rotation, period of revolution, surface temperature, surface gravity, a picture of each planet, interesting facts.



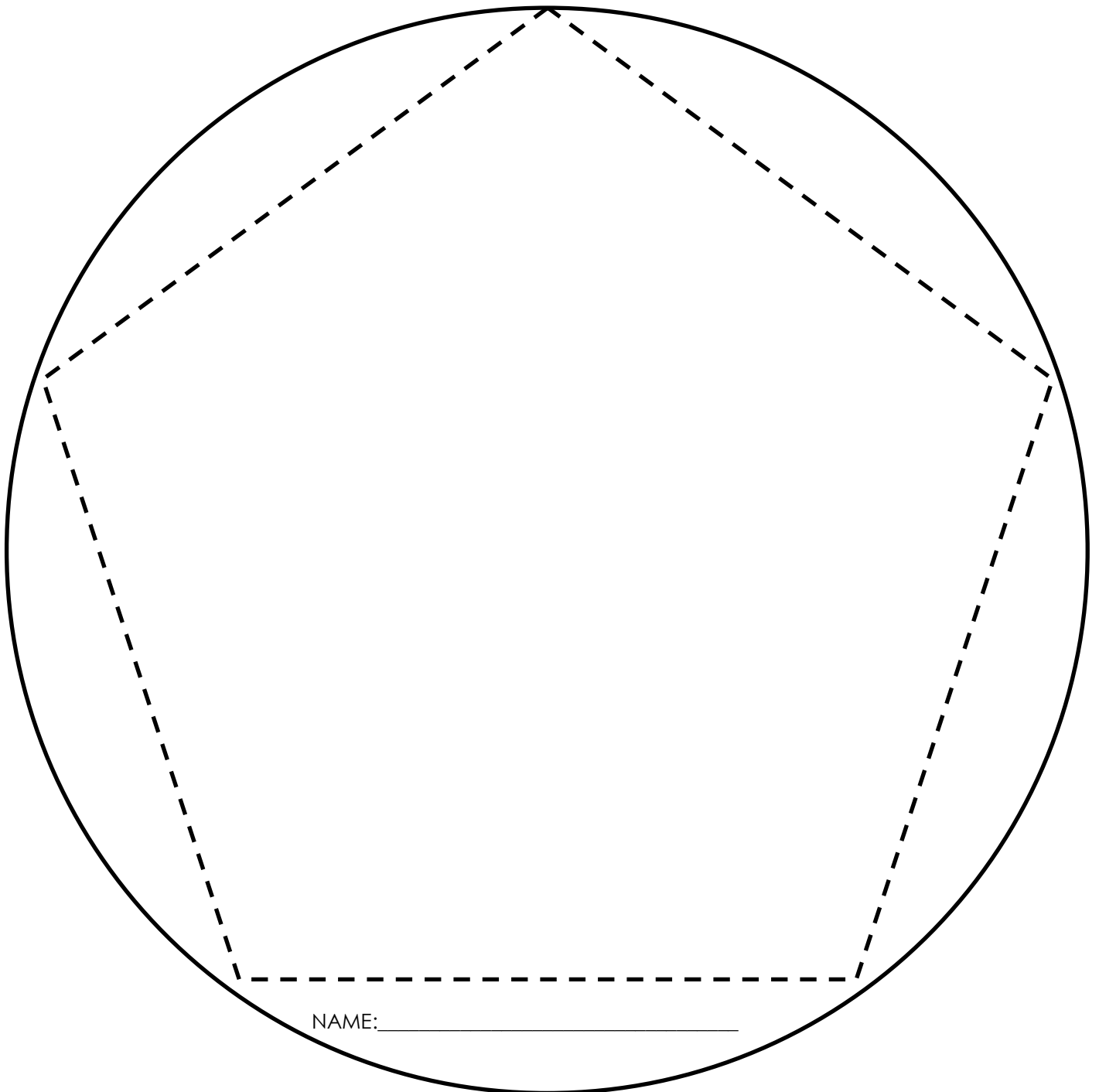
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## Panel 9: Solar and Lunar Eclipses

Pages: 653-654

Include a description of how each eclipse looks, how it happens, and important information. Also, draw a diagram of each eclipse type.



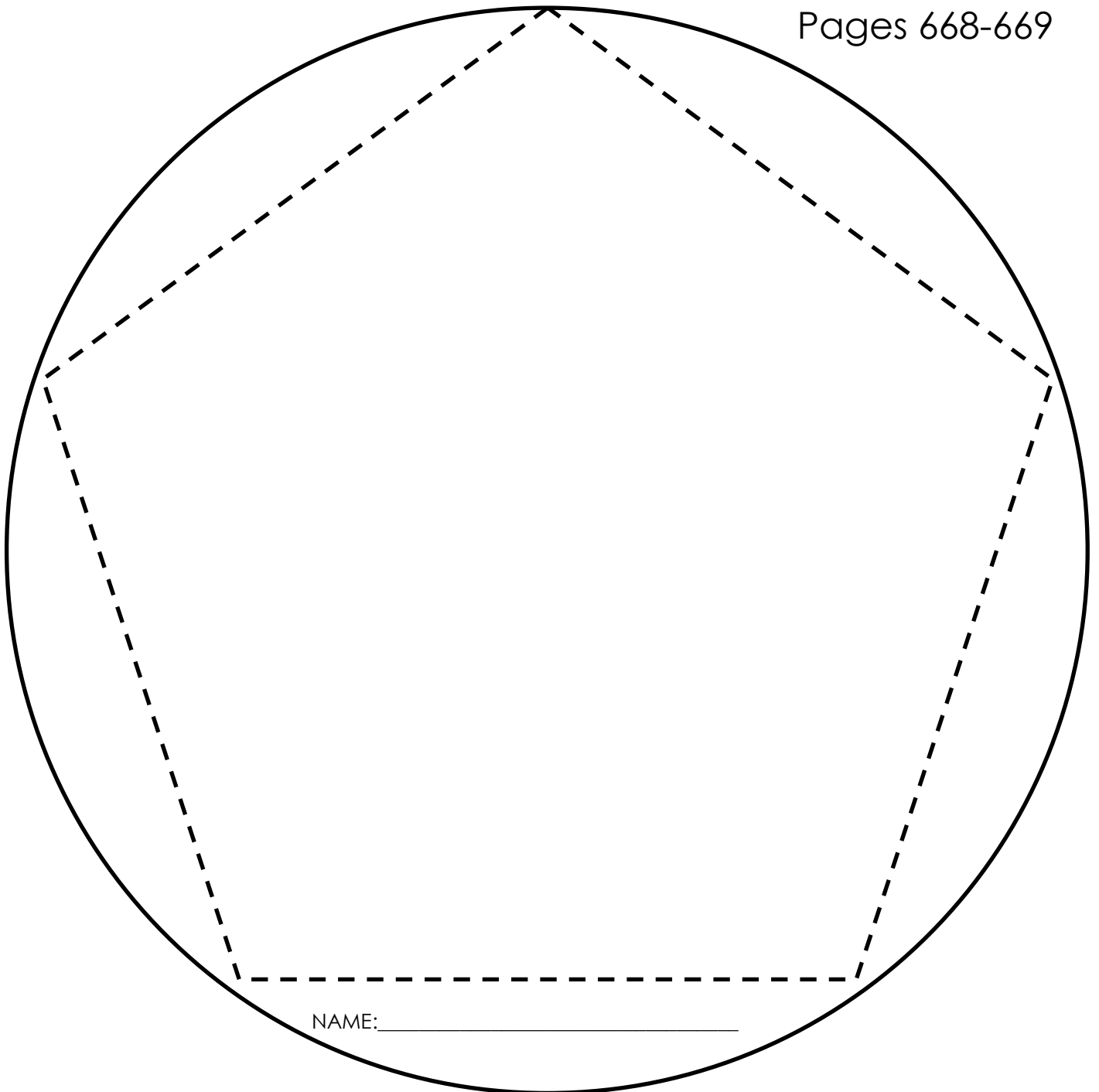
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## Panel 10: Comets

What is a comet? What is the structure of a comet?

Why are comets important to the study of the formation of the solar system? Where do comets come from? How do comets orbit?

Pages 668-669

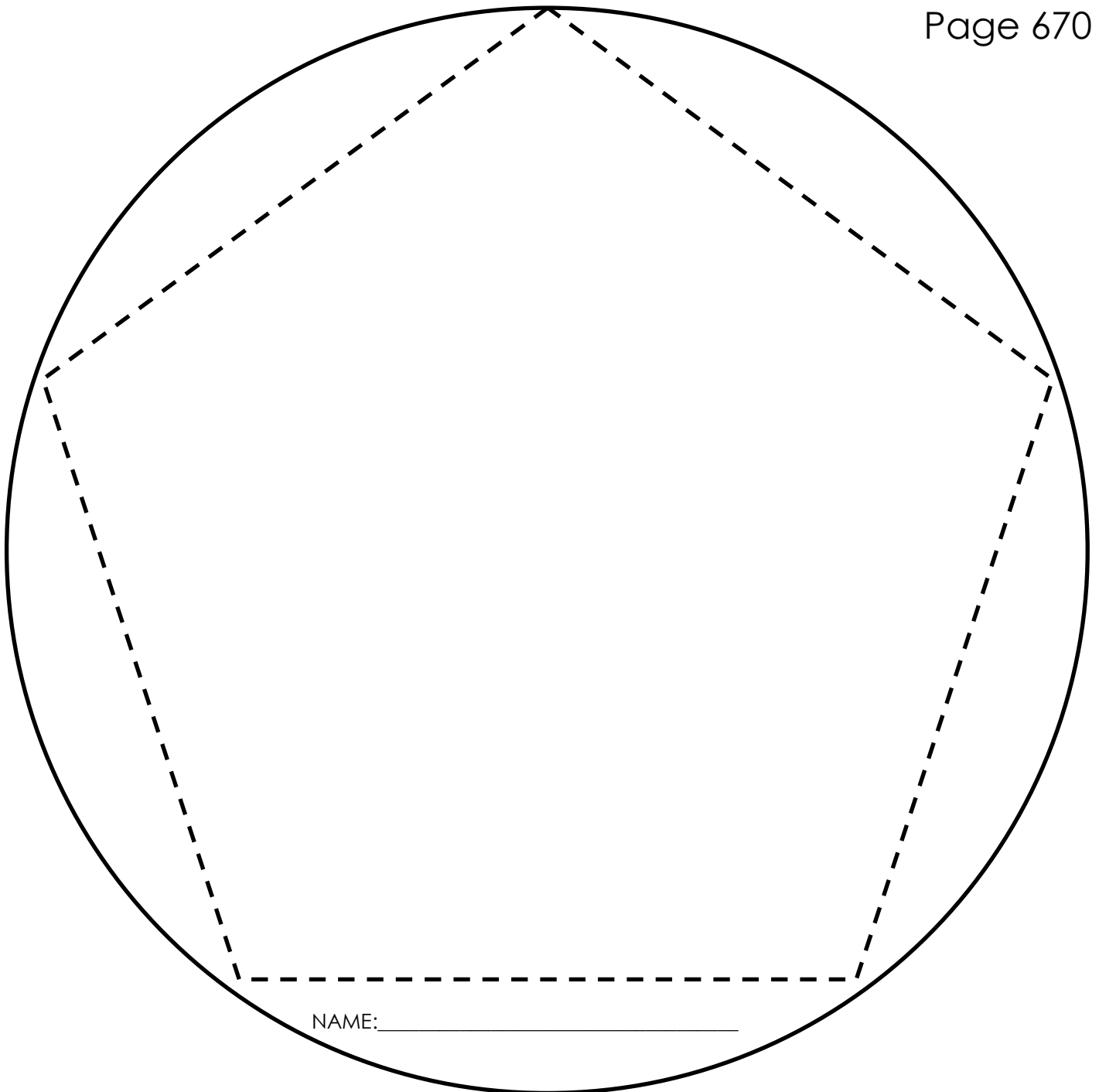


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## Panel 11: Asteroids

What is an asteroid? What is the structure of an asteroid?  
Why are asteroids important to the study of the formation of the solar system? Where do asteroids come from/where are they found? What are the two different types of asteroids?

Page 670

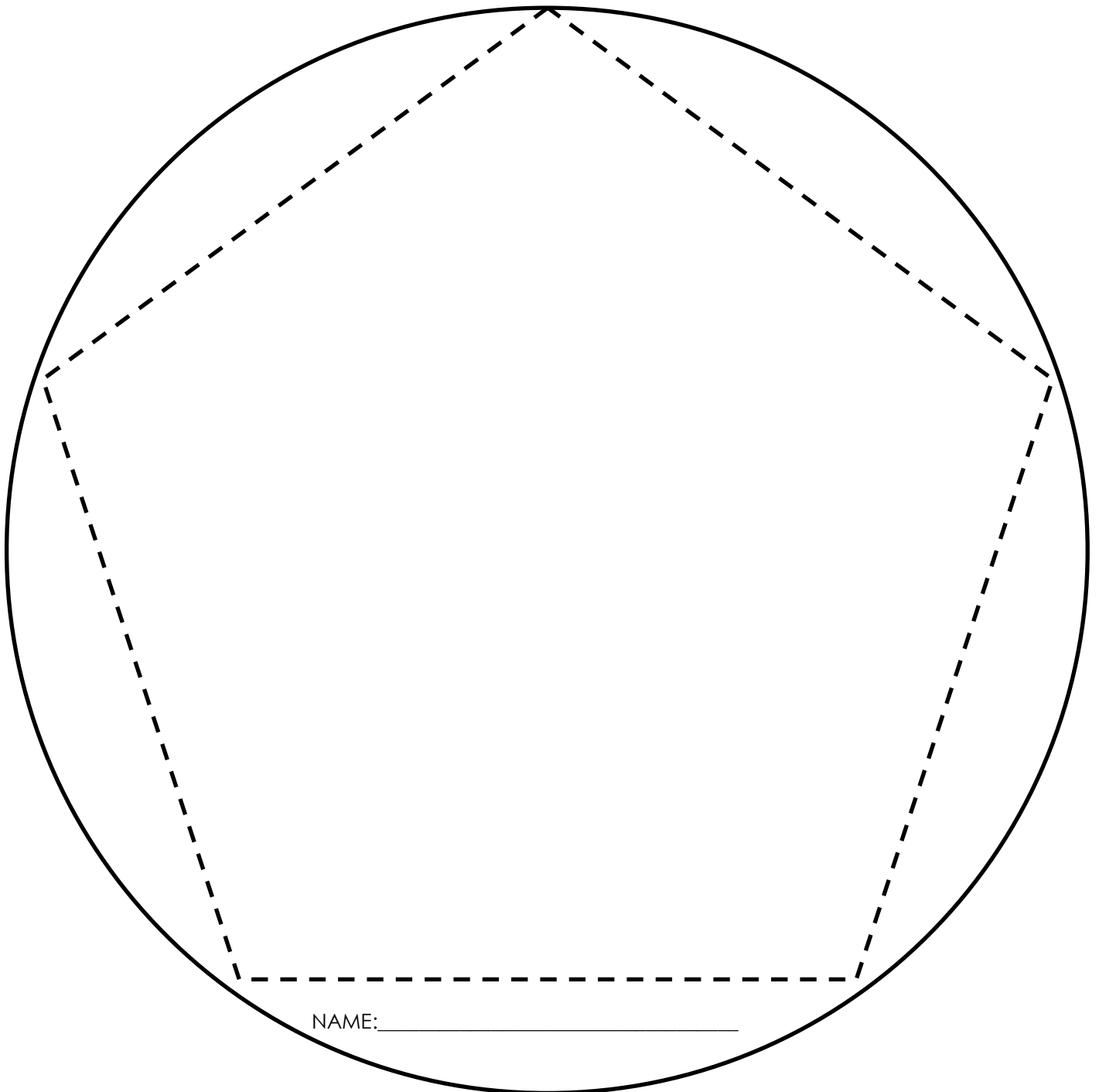


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## Panel 12: Meteoroid/Meteorite/Meteor

What is a meteoroid? What is a meteorite? What is a meteor? What are the different types of meteorites? What is a meteor shower? What is the common name for a meteor?

Page 671



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