

Name \_\_\_\_\_ Score \_\_\_\_\_

# *History of the Study of Mars*

## ***The Telescope Helps Us See Mars***

1. Discuss how the following astronomers contributed to our early knowledge of Mars.

a. Johannes Kepler - \_\_\_\_\_

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b. Christiaan Huygens - \_\_\_\_\_

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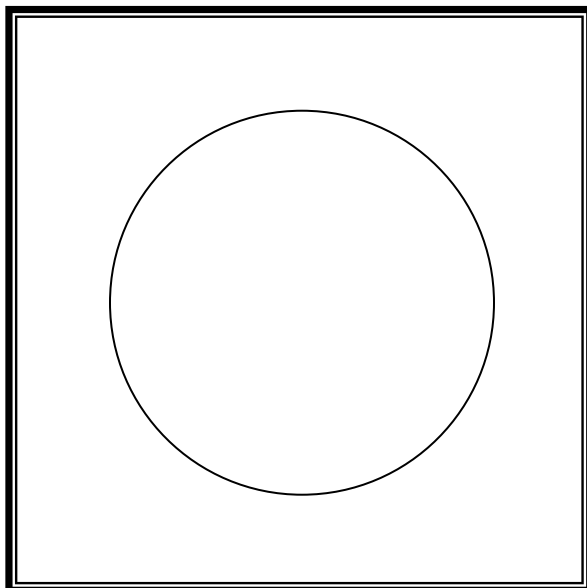
c. Giovanni Cassini - \_\_\_\_\_

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2. Christiaan Huygens was the first person to draw a picture of Mars. Reproduce Huygens first drawing.



***The Era of the Telescopes***

3. Discuss how the following astronomers contributed to our early knowledge of Mars.

a. *Giancomo Miraldi* - \_\_\_\_\_

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b. *Jonathan Swift* - \_\_\_\_\_

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c. *William Herschel* - \_\_\_\_\_

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4. Discuss changes in the telescope during the 1700's.

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***The Canal Craze***

5. Describe the canal craze.

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6. Describe some major discoveries made about Mars in the 1800's (clouds, ice caps, etc.)

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7. Discuss the contributions of *Giovanni Schiaparelli's* to the study of *Mars*.

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8. Percival Lowell enters the picture in the late 1890's. Discuss what he did as he began his study of *Mars*.

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8. Explain Lowell's view of *Mars* and why it was so controversial.

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***Missions***

9. Discuss the findings from the Mariner 4 mission.

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10. Discuss the findings from the Mariner 9 mission.

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11. Discuss the findings from the Vikings 1 & 2 missions.

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