Table 1

**Work together to answer the question below. Develop an argument to support your answer.**

**If high tide occurs at midnight and the Moon is visible in the night sky, what phase must the Moon be?**

**CLAIM:** Clearly state your answer to the question.

**EVIDENCE:** Cite evidence from the prompt that supports your claim (*information that allowed you to answer the question*).

**REASONING:** Justify your response by using scientific principles to link your claim to your evidence. Use 2D and/or 3D diagrams, written descriptions, etc…to convince others that your answer is correct.

Table 1

**Work together to answer the question below. Develop an argument to support your answer.**

**What phase must the Moon be during a solar eclipse?**

**CLAIM:** Clearly state your answer to the question.

**EVIDENCE:** Cite evidence from the prompt that supports your claim (*information that allowed you to answer the question*).

**REASONING:** Justify your response by using scientific principles to link your claim to your evidence. Use 2D and/or 3D diagrams, written descriptions, etc…to convince others that your answer is correct.

Table 2

**Work together to answer the question below. Develop an argument to support your answer.**

**Are you more likely to see a crescent moon or a gibbous moon during daylight hours?**

**CLAIM:** Clearly state your answer to the question.

**EVIDENCE:** Cite evidence from the prompt that supports your claim (*information that allowed you to answer the question*).

**REASONING:** Justify your response by using scientific principles to link your claim to your evidence. Use 2D and/or 3D diagrams, written descriptions, etc…to convince others that your answer is correct.

Table 2

**Work together to answer the question below. Develop an argument to support your answer.**

**If the Moon is directly over-head at sunset, at what time(s) would you expect to experience high-tide that day?**

**CLAIM:** Clearly state your answer to the question.

**EVIDENCE:** Cite evidence from the prompt that supports your claim (*information that allowed you to answer the question*).

**REASONING:** Justify your response by using scientific principles to link your claim to your evidence. Use 2D and/or 3D diagrams, written descriptions, etc…to convince others that your answer is correct.

Table 3

**Work together to answer the question below. Develop an argument to support your answer.**

**What phase must the Moon be during a lunar eclipse?**

**CLAIM:** Clearly state your answer to the question.

**EVIDENCE:** Cite evidence from the prompt that supports your claim (*information that allowed you to answer the question*).

**REASONING:** Justify your response by using scientific principles to link your claim to your evidence. Use 2D and/or 3D diagrams, written descriptions, etc…to convince others that your answer is correct.

Table 3

**Work together to answer the question below. Develop an argument to support your answer.**

**If high tide occurs at midnight and the Moon is visible in the night sky, what phase must the Moon be?**

**CLAIM:** Clearly state your answer to the question.

**EVIDENCE:** Cite evidence from the prompt that supports your claim (*information that allowed you to answer the question*).

**REASONING:** Justify your response by using scientific principles to link your claim to your evidence. Use 2D and/or 3D diagrams, written descriptions, etc…to convince others that your answer is correct.

Table 4

**Work together to answer the question below. Develop an argument to support your answer.**

**What phase must the Moon be during a solar eclipse?**

**CLAIM:** Clearly state your answer to the question.

**EVIDENCE:** Cite evidence from the prompt that supports your claim (*information that allowed you to answer the question*).

**REASONING:** Justify your response by using scientific principles to link your claim to your evidence. Use 2D and/or 3D diagrams, written descriptions, etc…to convince others that your answer is correct.

Table 4

**Work together to answer the question below. Develop an argument to support your answer.**

**Are you more likely to see a crescent moon or a gibbous moon during daylight hours?**

**CLAIM:** Clearly state your answer to the question.

**EVIDENCE:** Cite evidence from the prompt that supports your claim (*information that allowed you to answer the question*).

**REASONING:** Justify your response by using scientific principles to link your claim to your evidence. Use 2D and/or 3D diagrams, written descriptions, etc…to convince others that your answer is correct.

Table 5

**Work together to answer the question below. Develop an argument to support your answer.**

**If the Moon is directly over-head at sunset, at what time(s) would you expect to experience high-tide that day?**

**CLAIM:** Clearly state your answer to the question.

**EVIDENCE:** Cite evidence from the prompt that supports your claim (*information that allowed you to answer the question*).

**REASONING:** Justify your response by using scientific principles to link your claim to your evidence. Use 2D and/or 3D diagrams, written descriptions, etc…to convince others that your answer is correct.

Table 5

**Work together to answer the question below. Develop an argument to support your answer.**

**What phase must the Moon be during a lunar eclipse?**

**CLAIM:** Clearly state your answer to the question.

**EVIDENCE:** Cite evidence from the prompt that supports your claim (*information that allowed you to answer the question*).

**REASONING:** Justify your response by using scientific principles to link your claim to your evidence. Use 2D and/or 3D diagrams, written descriptions, etc…to convince others that your answer is correct.