

Name: \_\_\_\_\_

Period: \_\_\_\_\_ Date: \_\_\_\_\_

**LAB: Constellation Reality Activity**  
Astronomy



**Introduction:** Star constellations date back hundreds of years and many of our ancient constellations are based off of star patterns that were discovered in the night sky. Many have difficulty spotting some of these ancient constellations when they're not aware of what they should be actually looking for. Let's compare the photos of the constellations drawn by our ancient astronomers to the actual constellations in the sky.

**Website:** <http://www.dkfindout.com/us/space/constellations/>

**Instructions:** Head to the website by either typing in the address above or heading to the class website where the link can be found. For each constellation listed, examine the original mythological character and compare it to the true constellation. This website highlights the top 20 most common constellations and shows us both of the views that we need in one! You can pick 8 of your choice! Be sure to answer each question fully!

Constellation #1: \_\_\_\_\_

Mythological Character (draw and describe):

Constellation with star points (draw out):

In your opinion, does the constellation resemble the mythology? How do you think they were able to associate the two if they do not? Explain.

Name a major star found in the constellation:

Write out three facts about this constellation:

Using today's sky map for Pittsburgh (see class website for link), would be able to see this one tonight?

Constellation #2: \_\_\_\_\_

Mythological Character (draw and describe):

Constellation with star points (draw out):

In your opinion, does the constellation resemble the mythology? How do you think they were able to associate the two if they do not? Explain.

Name a major star found in the constellation:

Write out three facts about this constellation:

Using today's sky map for Pittsburgh (see class website for link), would be able to see this one tonight?

Constellation #3: \_\_\_\_\_

Mythological Character (draw and describe):

Constellation with star points (draw out):

In your opinion, does the constellation resemble the mythology? How do you think they were able to associate the two if they do not? Explain.

Name a major star found in the constellation:

Write out three facts about this constellation:

Using today's sky map for Pittsburgh (see class website for link), would be able to see this one tonight?

Constellation #4: \_\_\_\_\_

Mythological Character (draw and describe):

Constellation with star points (draw out):

In your opinion, does the constellation resemble the mythology? How do you think they were able to associate the two if they do not? Explain.

Name a major star found in the constellation:

Write out three facts about this constellation:

Using today's sky map for Pittsburgh (see class website for link), would be able to see this one tonight?

Constellation #5: \_\_\_\_\_

Mythological Character (draw and describe):

Constellation with star points (draw out):

In your opinion, does the constellation resemble the mythology? How do you think they were able to associate the two if they do not? Explain.

Name a major star found in the constellation:

Write out three facts about this constellation:

Using today's sky map for Pittsburgh (see class website for link), would be able to see this one tonight?

Constellation #6: \_\_\_\_\_

Mythological Character (draw and describe):

Constellation with star points (draw out):

In your opinion, does the constellation resemble the mythology? How do you think they were able to associate the two if they do not? Explain.

Name a major star found in the constellation:

Write out three facts about this constellation:

Using today's sky map for Pittsburgh (see class website for link), would be able to see this one tonight?

Constellation #7: \_\_\_\_\_

Mythological Character (draw and describe):

Constellation with star points (draw out):

In your opinion, does the constellation resemble the mythology? How do you think they were able to associate the two if they do not? Explain.

Name a major star found in the constellation:

Write out three facts about this constellation:

Using today's sky map for Pittsburgh (see class website for link), would be able to see this one tonight?

Constellation #8: \_\_\_\_\_

Mythological Character (draw and describe):

Constellation with star points (draw out):

In your opinion, does the constellation resemble the mythology? How do you think they were able to associate the two if they do not? Explain.

Name a major star found in the constellation:

Write out three facts about this constellation:

Using today's sky map for Pittsburgh (see class website for link), would be able to see this one tonight?