The Equation Odyssey

Name: _____ Date: _____

Directions:

Your goal is to help Odysseus get home to Ithaca. To navigate his ship from Troy to a series of islands and then to Ithaca, you must solve a series of equations. Your challenge is that if you solve too many of the equations incorrectly, Odysseus will end up on an island of monsters.

Moving from right to left on the bulletin board, you will see a series of dotted lines that tell you which locations you can go to from your current location. For example, on Figure 1 to the right, starting at island A, you can move to either island B or island C.

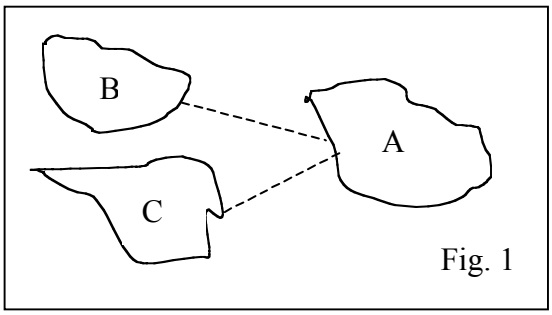


Fig. 1

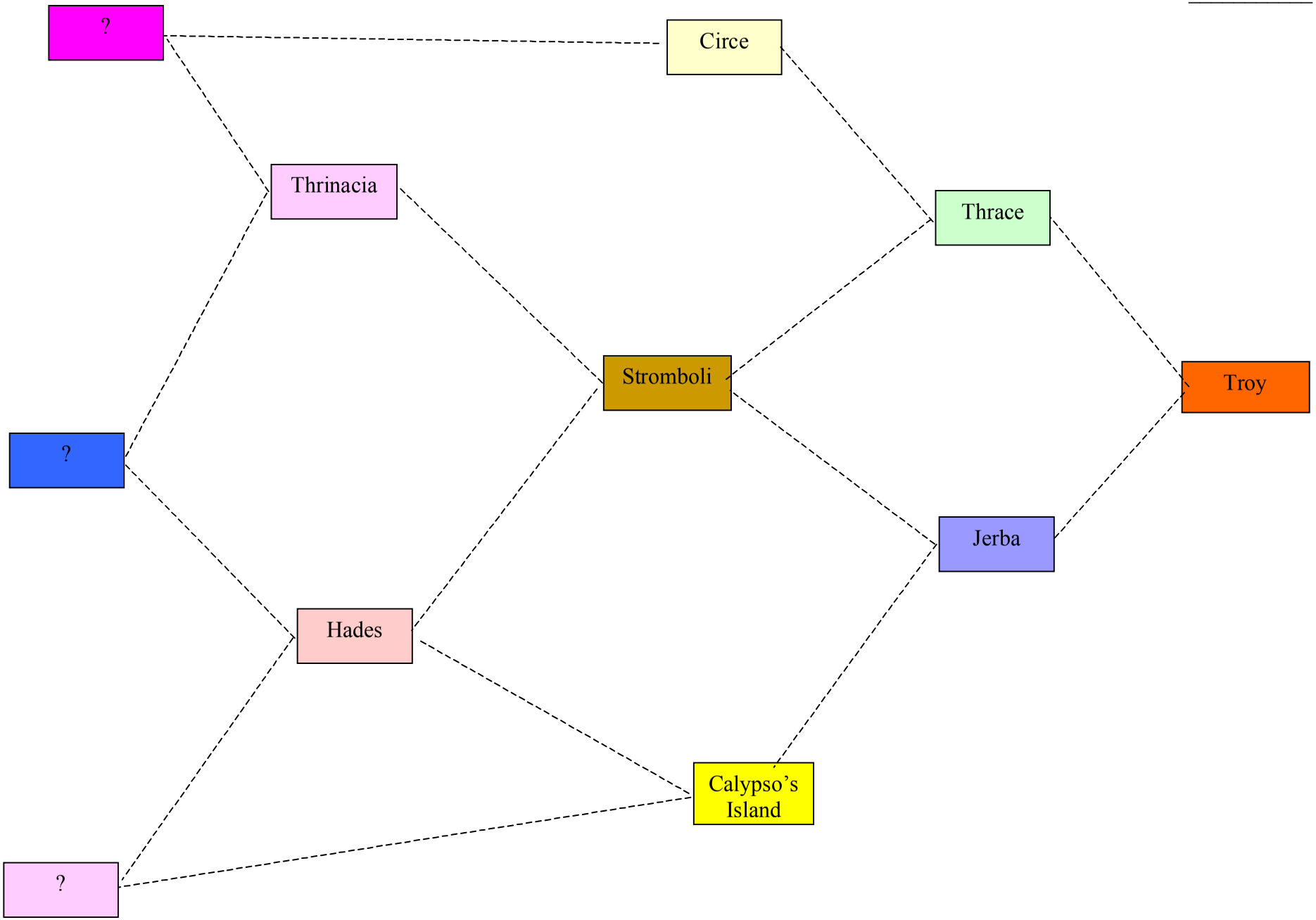
The number on each island is a possible solution to the equation for the upstream island. The cards tucked behind the islands and Troy show the equations you must solve.

Steps:

1. Remove the card from the island/Troy to get the equation.
2. Write the equation on your worksheet in the corresponding location.
3. Solve the equation, showing your work.
4. Look for your answer on one of the two downstream islands.
5. Highlight the path you took to the next island with one of the colored pencils.
6. Move Odysseus' ship to the corresponding island.
7. Replace the equation card.
8. Repeat steps 1-7 until you reach one of the final islands (they have a ? on them). Make sure you have highlighted the path to the island on your worksheet. Then you have completed your journey.
9. Remove your final island from the bulletin board and check the back of the island to see if Odysseus reached Ithaca.
10. Return Odysseus' ship to Troy.

Note for Methods students: in the classroom, I would not include step 9 on the worksheet. I would wait until everyone had completed the bulletin board, then put up the islands with the answers.

Initials:_____


?
Circe
Thrinacia
Thrace
Stromboli
Troy
?
Jerba
Hades
Calypso's Island
?