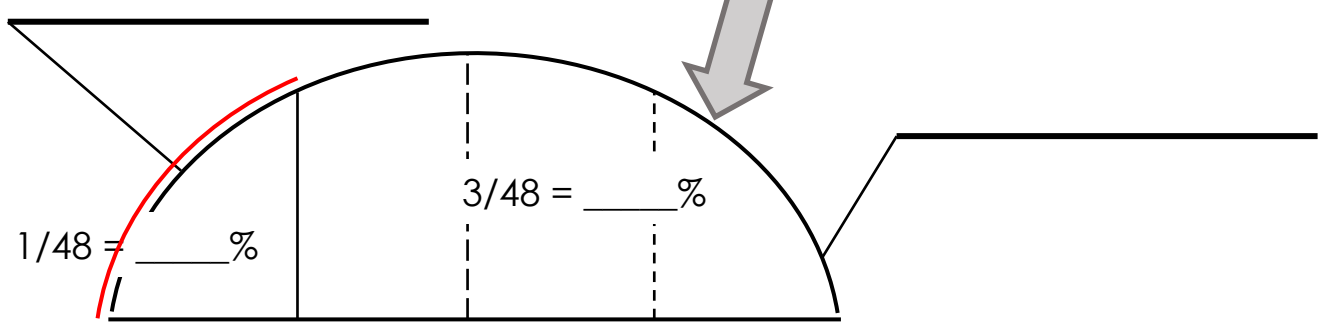
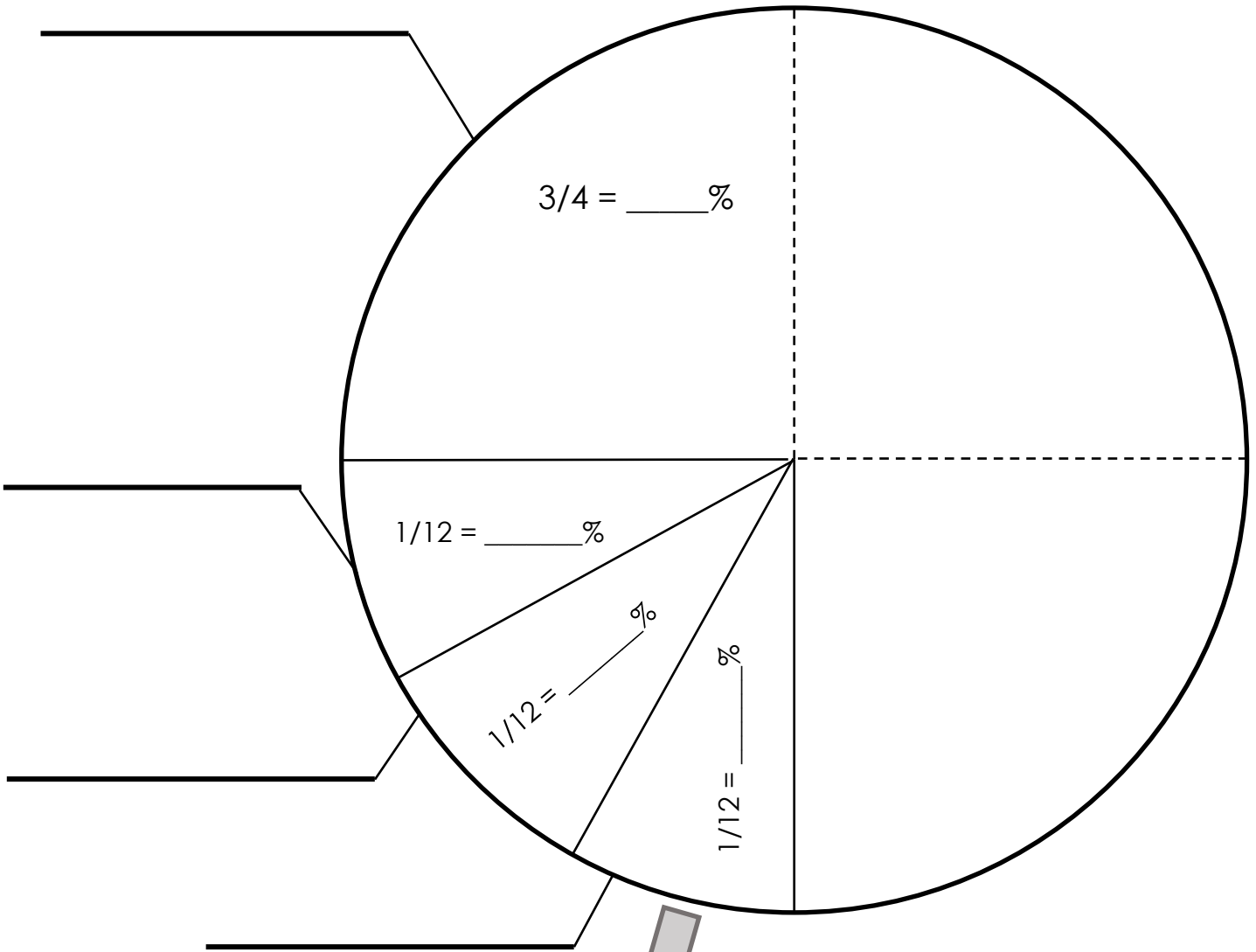


# Earth as an Apple Activity

Name \_\_\_\_\_

The diagrams below represent Earth and our apple model of Earth. Label the diagrams with the land uses and corresponding percentages.

(top view of our apple)



(side view of this slice of our apple)

Earth as an Apple  
*Discussion Questions*

Name \_\_\_\_\_

- Why can't humans grow food on all land on Earth?

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- How does urbanization impact agricultural land use?

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- Can you think of any food that is not accounted for in this activity?

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- What can we learn from this demonstration?

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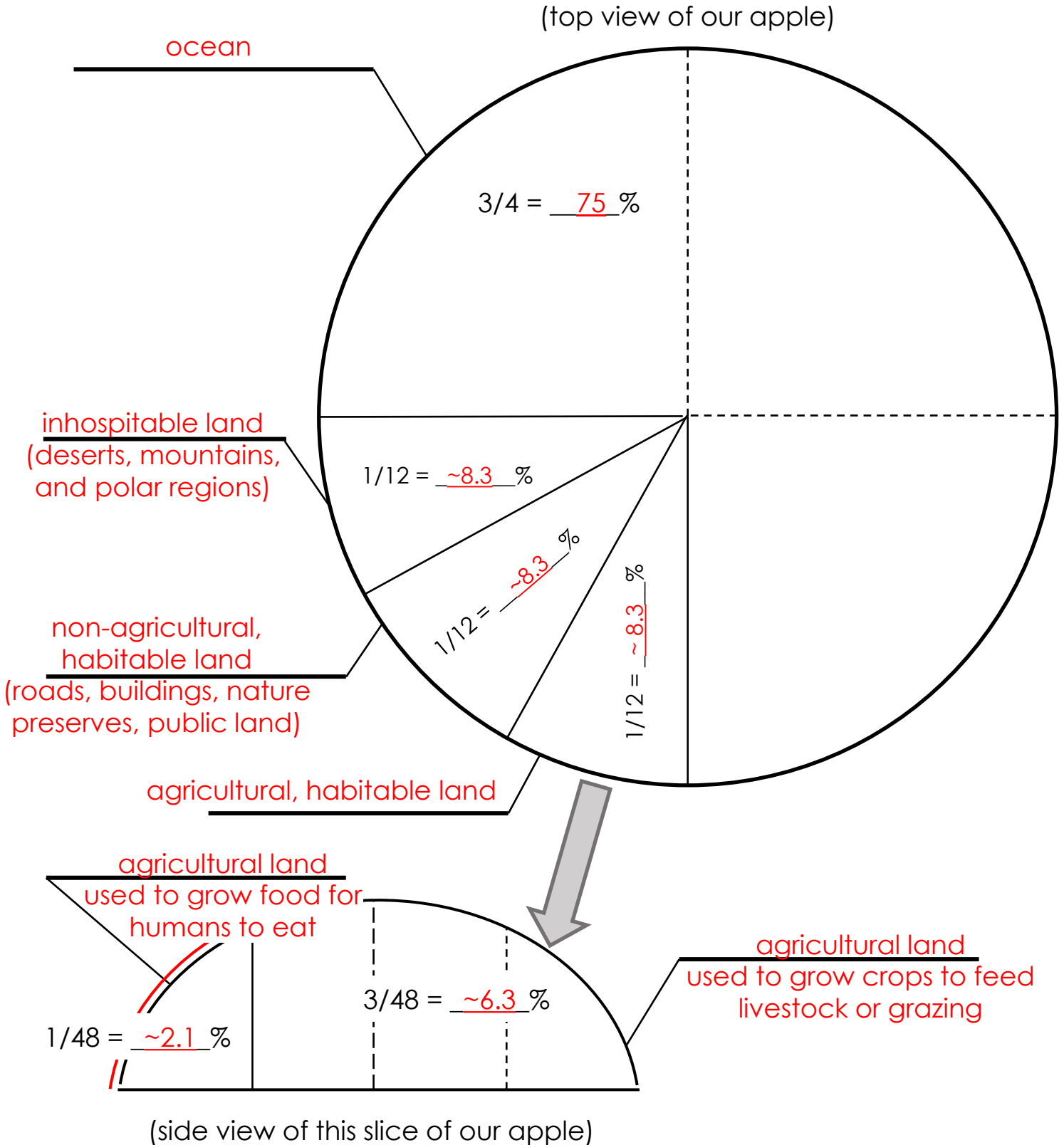
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# Earth as an Apple Activity

Name ANSWER KEY

The diagrams below represent Earth and our apple model of Earth. Label the diagrams with the land uses and corresponding percentages.



# Earth as an Apple

## Discussion Questions

Name ANSWER KEY

- Why can't humans grow food on all land on Earth?

Climate and soil type. Temperatures, precipitation, and seasons determine if growing crops is possible and if so, what kind of crops can be grown. Some land or soil cannot sustain agriculture use including extremely rocky areas, swamps, etc.

- How does urbanization impact agricultural land use?

Urbanization transitions habitable land used for another purpose to residential, commercial, industrial, transportation uses. It decreases the amount of land available for agriculture.

- Can you think of any food that is not accounted for in this activity?

Answers may vary. One answer is seafood. Most of our food comes from land (beef, pork, poultry, vegetables, fruits, etc.) but seafood (fish, shellfish, kelp, etc.) come from water like oceans, rivers, and lakes.

- What can we learn from this demonstration?

Answers will vary. Answer could include that there is limited habitable land and even less habitable land and productive soil dedicated to agriculture and producing food. We need to use soil wisely and protect it.