

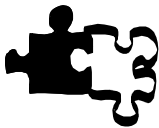
Tally Up!

Denali National Park and Preserve Grades Kindergarten and One



OBJECTIVE

Students will demonstrate an understanding of tally marks.



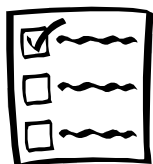
SUBJECT AREA CONNECTION

Mathematics



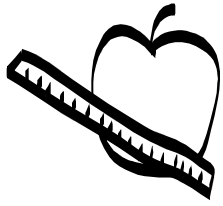
SUMMARY

1. Display and examine the Denali National Park and Preserve quarter design. Locate this site on a class map. As background information, explain to the students that the United States Mint began to issue the quarters in the America the Beautiful Quarters® Program in 2010. By the time the program ends in 2021, there will be a total of 56 designs on the back of the coin. Each design will focus on a different national site—one from each state, territory, and the District of Columbia.
2. While looking at the image of the quarter, ask the students how they could keep track of the number of letters in the words “ALASKA” and “DENALI.” Tell the students that tally marks are used to keep track of the number of items you have. Read a text that gives information about tally marks.
3. Model for the students how to make tally marks by flipping quarters and recording on chart paper whether the quarter lands on “heads” or “tails.” Show the students how to make groups of five tally marks. Demonstrate how to count using tally marks and count the total number of tally marks.
4. Look at the America the Beautiful quarter images for 2010 and 2011 and tally how many quarters have animals and how many quarters do not have animals.
5. Display the Denali National Park photo page of animals (link below). Have students work with a partner to tally animals with fur and animals with feathers.
6. Have students work with a partner to create a survey. Have them compose a question and three possible answers and then survey the class, then record the responses using tally marks.



ASSESSMENT

- Take anecdotal notes about the students’ participation in class discussions
- Evaluate the students’ surveys for understanding of the lesson objectives.

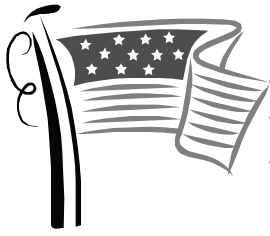


Tally Up!



RESOURCES

- “Denali National Park and Preserve Quarter” page
- “Tally Up!” worksheet
- “2010 and 2011 Quarters” page
- “Tally Up Fur and Feathers!” worksheet
- America the Beautiful Quarters® Program: www.usmint.gov/kids/teachers/lessonPlans/atb/
- Coin Flip Classroom Gadget: www.usmint.gov/kids/teachers/classActivities/classGadgets.cfm
- National Park Service: www.nps.gov


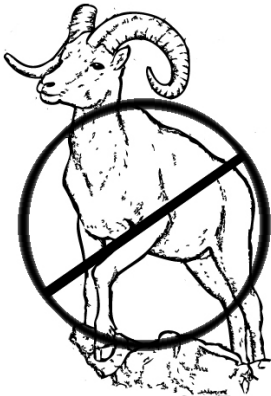


Name _____

Tally Up!

Directions: Write your name on the line. In the columns below, tally up each of the America the Beautiful quarters on the “2010 and 2011 Quarters” worksheet by whether the quarter has an animal on it or not. After you’ve tallied all the coins, count up the marks in each column and write the totals in the bottom row.



QUARTERS WITH ANIMALS	QUARTERS WITHOUT ANIMALS
	
TOTAL	TOTAL



Name _____

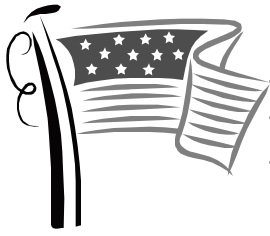
2010 and 2011 Quarters

—2010—



—2011—




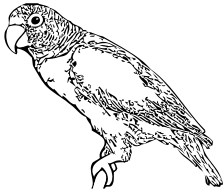


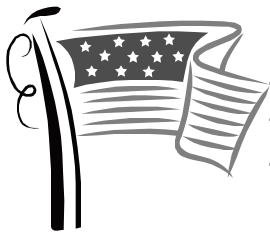
Name _____

Tally Up Fur and Feathers!

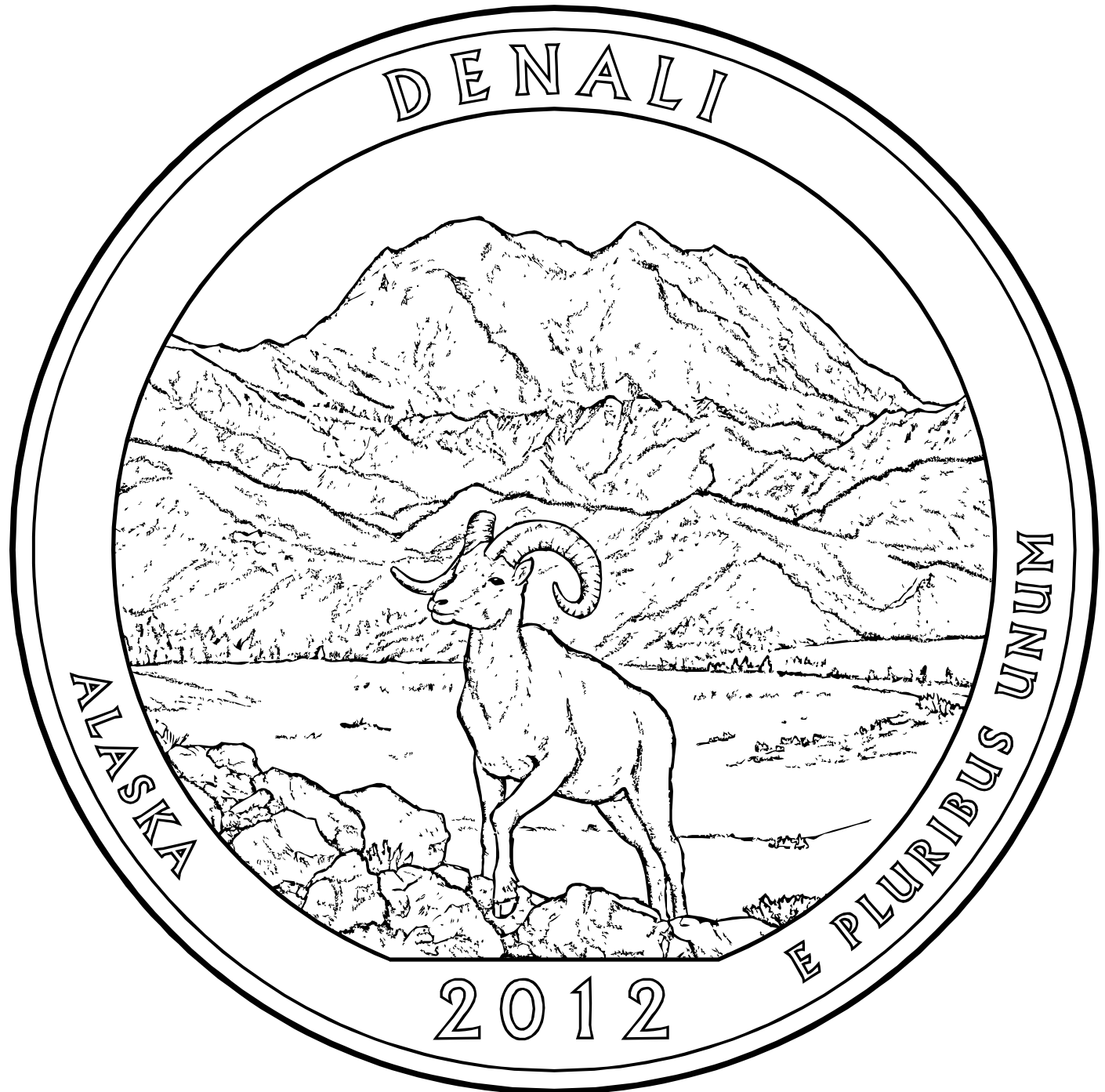
Directions: Look at the Denali National Park and Preserve animal pictures one at a time. Tally up the animals that have fur or feathers in the columns below. Count up the tally marks and write the totals on the bottom row.



ANIMALS WITH FUR	ANIMALS WITH FEATHERS
	
TOTAL	TOTAL



Denali National Park and Preserve Quarter



The United States of America

