Family Camping Word Problem

# Background Information

The Johnson Family went camping last summer. During the morning, they only hiked $\frac{1}{3}$ mile. In the afternoon, they hiked 2 $\frac{1}{2}$ miles to reach their campsite. How many more miles did they hike in the afternoon? Use the fraction-strip diagram to find how many more miles they hiked in the afternoon.





# Task 1

* How many more miles did they hike in the afternoon?
* Explain how the diagram above can be used to find out how many more miles they hiked in the afternoon.

# Task 2

* What is the total number of miles they hiked in one day?
* Explain how the diagram can help you find how many total miles they hiked in one day.

# Camping Rubric

## Score 4

### Task 1

* Computation component = 1 point
	+ The student provides the correct computation for difference, 2 $\frac{1}{6}$ or equivalent.
* Reasoning component = 1 point
	+ The student provides an explanation of how to use the diagram to answer the question

Task 2

* Computation component = 1 point
	+ The student provides a correct computation for sum, 2 $\frac{5}{6}$ , or equivalent
* Reasoning component = 1 point
	+ The student provides an explanation how to use the diagram to find the total number of miles.