

Name _____ Date _____

Description of Investigation and Student Report
Be an Investigator

Dear Investigator _____,
(name)

I work for an adventure travel group. I take people on hikes to all kinds of interesting and remote locations. We climb high mountains, go into dark caves, and see all kinds of wild animals such as bears and alligators.

I find people really get hungry on these trips so I bring a trail mix of nuts, dried fruit, and sometimes chocolate for them to eat. I find it helps them get their energy back quickly after a long hike.

I'd like your help on something. I've got some recipes that make enough trail mix for four people. I'd like to find out what the recipe would be for 8 people and for 12 people. Could you figure that out for me?

Sincerely,
Ty Bowers
Adventurer

Information**Basic Trail Mix for Four People**

$\frac{1}{2}$ cup peanuts

$\frac{1}{4}$ cup almonds

$1\frac{1}{2}$ cups raisins

Trail Mix with Chocolate for Four People

$\frac{1}{4}$ cup almonds

$1\frac{1}{3}$ cups peanuts

$\frac{2}{3}$ cups chocolate chips

Deluxe Trail Mix for Four People

$\frac{3}{4}$ cup almonds

$\frac{1}{3}$ cup cashews

$1\frac{1}{4}$ cup dried cranberries

Name _____ Date _____

Be an Investigator Student Report

Dear Ty,

These charts will tell you what you need for groups of 4, 8, and 12 people.

Basic Trail Mix

Ingredient	Mix for 4 People	Mix for 8 People	Mix for 12 People
Peanuts	$\frac{1}{2}$ cup		
Almonds	$\frac{1}{4}$ cup		
Raisins	$1 \frac{1}{2}$ cup		

Deluxe Trail Mix

Ingredient	Mix for 4 People	Mix for 8 People	Mix for 12 People
Almonds	$\frac{3}{4}$ cup		
Cashews	$\frac{1}{3}$ cup		
Dried Cranberries	$1 \frac{1}{4}$ cup		

Trail Mix with Chocolate

Ingredient	Mix for 4 People	Mix for 8 People	Mix for 12 People
Almonds	$\frac{1}{4}$ cup		
Peanuts	$1 \frac{1}{3}$ cup		
Chocolate Chips	$\frac{2}{3}$ cup		

Happy adventuring!

Yours truly,

Investigator _____

(your name)