

Dessert Party with Fractions and Mixed Numbers

Name: _____

Directions: Read the scenario and solve the following problems. Show ALL work!

Scenario: I'd like your help with something. I have three different recipes for dessert party mix for an upcoming party I'm planning and I don't have time to figure out how much of each ingredient I need. One problem is that all of these recipes only serve 4 people and there will be 8, 10 or 14 guests at the party.

I need you to figure out how much of each ingredient I need for each recipe to serve 8, 10 or 14 people. This way, when I finally know how many guests I need to serve, I can just use your information and go buy the ingredients.

Oh, and one other thing, I like to give each party host a bag of the each dessert party mix to sample so I'll also need to know how many of each ingredient is needed to make enough for just two people for each recipe.

Dessert Party Mix Recipe 1

Ingredient	Mix for 4 People	Mix for 2 People	Mix for 8 People	Mix for 10 People	Mix for 14 People
M & Ms	$\frac{3}{4}$ cup				
pretzels	$1\frac{1}{2}$ cups				
peanuts	$\frac{3}{4}$ cup				
marshmallows	$\frac{1}{2}$ cup				

Dessert Party Mix Recipe 2

Ingredient	Mix for 4 People	Mix for 2 People	Mix for 8 People	Mix for 10 People	Mix for 14 People
Oreos	$1\frac{3}{4}$ cups				
pretzels	$2\frac{1}{2}$ cups				
dried fruit	$\frac{4}{5}$ cup				
marshmallows	$\frac{3}{8}$ cup				

Dessert Party Mix Recipe 3

Ingredient	Mix for 4 People	Mix for 2 People	Mix for 8 People	Mix for 10 People	Mix for 14 People
Chocolate chips	$\frac{2}{3}$ cup				
pretzels	$2\frac{1}{2}$ cups				
Butterfinger pieces	$1\frac{3}{4}$ cups				
popcorn	$3\frac{1}{6}$ cups				