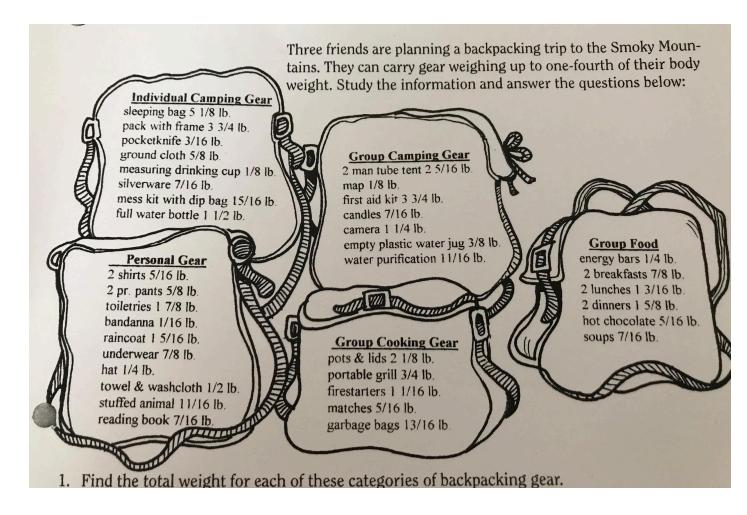
Name:	Team:



Use this information to answer all questions on the following page.

Show all work. Be sure to show it in an organized way.

In addition, be sure to explain your thinking when it is asked.

Name:Te		eam:	eam:		
1)	Find the total weight for each category of backpackin	g gear.	Show	your work.	
<u>Individ</u>	ual Camping Gear:				
<u>Persor</u>	nal Gear:				
<u>Group</u>	Camping Gear:				
<u>Group</u>	Cooking Gear:				
<u>Group</u>	Food:				

2)	Each of the three campers plan to carry their own individual and personal gear. They will then split up the group gear (group camping gear, group cooking gear, group food). The group gear does NOT need to be divided up equally. For safety reasons, each of the three campers can only carry up to ¼ of their body weight in their packs.		
	Campers weights: Camper A (104 pounds) Camper B (123 pounds)		
	Camper C (98 pounds)		
	a) What is the total number of pounds that each individual can carry in their pack? Show your work.		
	Camper A:		
	Camper B:		
	Camper C:		
	<ul> <li>b) How many pounds of the group gear can each individual carry? Remember that they will also be carrying their individual and personal gear. Show your work.</li> </ul>		
	Camper A:		
	Camper B:		
	Camper C:		

