Name_____ Date _____

Disneyland

Ben's Vacation Budget

Using Proportions and Percent Equations

1. Ben loves to visit Disneyland so he decided to begin budgeting for a trip to Anaheim, CA, where Disneyland is located. In order to be able to afford the trip, he came up with a budget that breaks down his vacation expenses: 30% for hotel, 20% for food, 27% for transportation, 8% for souvenirs, and 15% for tickets. Ben has saved $4000 for the trip.

   a. Calculate the amount of money that Ben is budgeting for each of his vacation items. Show your work using a proportion and a percent equation. Then, write a sentence to explain your answer.

	Use a Proportion	Use a Percent Equation
Hotel		
Sentence:		
Food		
Sentence:		
Transportation		
Sentence:		
Tickets		
Sentence:		
Souveniers		
Sentence:		

b. Last time Ben visited Disneyland he Ben spent $380 on food and $420 on souvenirs. What percent of his vacation savings did he spend on these items? Show your work and then write a sentence to explain your answer in the table shown.

	Use a Proportion	Use a Percent Equation
Food		
Sentence:		
Souvenirs		
Sentence:		

c. Ben decided to take his brother on vacation with him this time, which will increase some of his expenses. Ben budgeted $1200 for food, which was 20% of his vacation savings. What is the new total Ben must save to take his brother with him to Disneyland?

	Use a Proportion	Use a Percent Equation
Food		
Sentence:		

d. Ben would like to take his entire family to Disneyland next year. He figures out that his hotel cost for the entire family will be $2100. If he wants to keep the hotel costs as 30% of his vacation budget, how much total money does he need to save to take his entire family to Disneyland?

	Use a Proportion	Use a Percent Equation
Hotel		
Sentence:		