THE GREAT
BIKE ADVENTURE

DeMarcus and Catalina are planning a bike trip. Use what you know about rates to help them plan their trip.

Part 1 : Buying Supplies

DeMarcus and Catalina need to buy 2 of each item. Use the information in the left-hand column to figure out the unit price of each item. Then multiply it by 2 to find how much they will spend for two of that item. Finally, add to find the total amount of money they will spend. The first one is done for you as an example.

Item	Unit Price	Total for Two
Water $6 for 4 bottles		
Apples 10 apples for $5		
Nuts $15 for 5 bags		
Juice 12 boxes for $9		
Helmets 3 helmets for $45		
Locks $35 for 5 locks		
	Total	

Part 2 : Planning the Trip

DeMarcus and Catalina have a map of the route they want to take on their bike trip. They know that they ride their bikes at a rate of 15 kilometers/hour, or 1 kilometer/4 minutes. They know the distances between some locations and the time it will take them to travel between other locations. View the map on the following page, and help them find the missing information below the map. Then add to find the total distance that they will travel and the total time their trip will take.

	Distance	Minutes
1. DeMarcus's house		
2. Zuckerman's Bridge	10 km	
3. Stonyfield Farm		30 minutes
4. Lake Lee	5 km	
5. Northrup Middle School		50 minutes
6. Catalina's house	3 km	
Total Distance		
Total Time		