

LEG ● I	Pink	Your road trip starts on the west coast in the southwest corner of California. From there, you head northeast for a visit to the northwest corner of Wyoming.
LEG =2	Red	From Wyoming, you head to the middle of Colorado.
LEG =3	Green	From Colorado, you head south to Texas. You go all the way to Austin near the middle of Texas (just below the word 'Texas').
LEG =4	Yello~	Texas was fun, but now it's time to head north to the southwest comer of Missouri.
LEG = 5	Orange	From Missouri, head east and park it in the southern most tip of North Carolina.
LEG =6	Blue	After your trip to North Carolina, head northeast to New York City, which is near the southern tip of New York.
LEG ■ 7	Purple	For your last stop, go to the northeast state of Maine. Congrats! You've travelled across the country!

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Even though you'll be busy stopping along the way for tourist attractions, snacks, and historical markers, you'll need some entertainment along the way. Your mom loaded up your iPad with a few movies, and your iPhone with some new jams. Use the information to figure out how many hours and minutes of entertainment you have to occupy your travels.

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<more ai<="" th=""><th>bums</th><th>S</th><th>tore M</th><th>lovies</th><th></th></more>	bums	S	tore M	lovies	
1989 Taylor 19 songs	Swift , 48 minutes, 41 seconds		BIG HERO	INSIDE	
(🔘) Various	n Soundtrack s Artists , 63 minutes, 40 seconds		SIX	OUT	
🛛 💭 🔵 🗍 KIDZ E	BOP 29 BOP Kids , 28 minutes, 15 seconds		HOUR, 42 MINUTES	IHOUR, 34 MINUTES	
Katy P	f the Boys erry , 44 minutes, 1 second		DESPICABLE	SHREK	
	rection , 43 minutes, 39 seconds		HOUR, 38 MINUTES	IHOUR, 30 MINUTES	
			(0	
w many minutes and seconds worth of songs do you have?	How many minutes seconds worth movies do you hav	of 🚺	Mom loaded her iPod w hours and 49 minute worth of songs. Who more? By how much	es Shrek, you had to sto bhas get lunch. There we	pit re3 you chhi
low many hours and lutes is that equal to?	How many hours a minutes is that equ		Instead of movies, she an audio book. It is 19 h and 47 minutes long. H much longer is her ba than your movies?	nours How ook	

RIDING ALONG IN YOUR AUTOMOBILE

Your trip is planned, but it's time to Figure out how many miles you'll be traveling on each leg and how many hours it will take to get from place to place, including gas stops and food breaks. Complete the table below.

LEG elSan Diego to YellowstoneI,068 milesI5 hours 56 minutesI hour 20 minutesLEG e2Yellowstone to Denver542 miles7 hours 59 minutes55 minutesLEG e3Denver to Austin919 milesIH hours 22 minutes1 hour 5 minutesLEG e4Denver to Austin919 milesII hours 59 minutes1 hour 5 minutesLEG e4Denver to Austin919 milesI0 hours 3 minutes50 minutesLEG e5Austin to Branson621 miles10 hours 3 minutes50 minutesLEG e5Branson to Outer Banks1,212 miles18 hours 27 minutes2 hours 10 minutesLEG e6North Carolina to New York City to Cape Neddick, Maine275 miles4 hours 52 minutes30 minutes	
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to Cape 275 miles 52 minutes 30 minutes	
First, round each distance to the nearest HUNDRED. Find the estimated distance traveled on all seven legs. Find the difference in DISTANCES between the longest and shortest distance traveled. Dad decides he does more than EGHT how travel days (not not be sources) our have bedween the longest and shortest distance traveled. Now, find the exact distance traveled on all seven legs. Find the difference in TIME between the longest travel time and the shortest travel time and the shortest travel time. IE6•1 What is the difference between the estimated and exact distance? Find the shortest travel time. IE6•1	ours on ANY of the uding stopping time), een driving for eight t a hotel. Find the

NEVER GETTI	NG {BTL	BOARD			
Okay, okay. The title is a little silly, and yes bored is spelled B-O-R-E-D. BUT! Billboards kept you occupied for an hour of one leg of your trip. You decided to create a data table of the different types of billboards you saw and graphed the data. You can't ever get enough math, even on vacation!					
BILLBOARD DA	TA COLLECTION				
TYPE OF BILLBOARD	TALLY	NUMBER SEEN			
Restaurant Billboard					
TV or Movie Billboard					
Lawyer Billboard					
Telephone Company Billboard					
Attraction Billboard					
Now, make a bar graph to display you saw. Be sure to include	the different typ all elements of a	bes of billboards bar graph.			

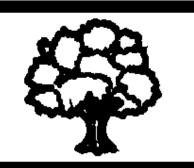
HOPPIN'	HOTEL HAP	PENINGS				
You spent many nights at hotels while driving during your road trip. About halfway through your road trip, you decide to find the total amount you have spent on hotels.						
Somewhere between San	DAYS 2&3 Yellowstone National Park	DAY 4&5 Denver, Colorado				
Diego & Yellowstone One Night \$129.87 Hotel Fee \$9.99	Two Nights \$139.78 Hotel Fee \$12.99 Parking Fee\$39.99	Two Nights \$259.16 WiFi \$14.99				
Tax\$13.98 Total	Tax\$19.28	Tax\$27.41 Total\$				
→ >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	→→ DAYS 7&8	→ → DAY 9 → ~ ~ <				
Somewhere between Denver and Austin One Night\$45.89	Austin, Texas Two Nights \$179.56 Hotel Fee \$15.99	Somewhere between Austin and Branson One Night\$99.87 Late Checkout Fee\$49.50				
Tax\$4.89 Total\$	Parking Fee\$19.25	Tax\$14.93				
	Total\$					
Branson, Missouri Two Nights	Somewhere between Branson and Outerbanks One Night	Somewhere between Branson and Outerbanks				
Hotel Fee\$5.99 Tax\$21.57	Hotel Fee	One Night\$59.99 Tax\$5.90				
Total\$	Tax\$21.40 Total\$	Total\$				
Which hotel wa cheapest PER r	s the 🗿 How much did your	What was the difference				
Zvacance						
	man	An manuna and				
		◦2015 TEACHING WITH A MOUNTAIN VIEW				

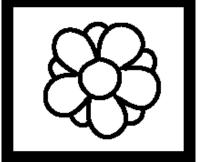
STRETCHING YOUR LEGS

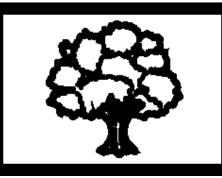
Each night, you chose hotels that were within walking distance to restaurants and entertainment. You couldn't stand the thought of driving another inch after a full day in the car. Fill in the chart below to show how far you walked during your stays at the hotels.

	DISTANCE TO RESTAURANT FROM HOTEL		
CITY	MILES	FEET	INCHES
YELLOWSTONE			1,200
DENVER		5280	
AUSTIN		44	
BRANSON		I,200	
OUTER BANKS		360	6
NEW YORK CITY			600
MAINE	2		

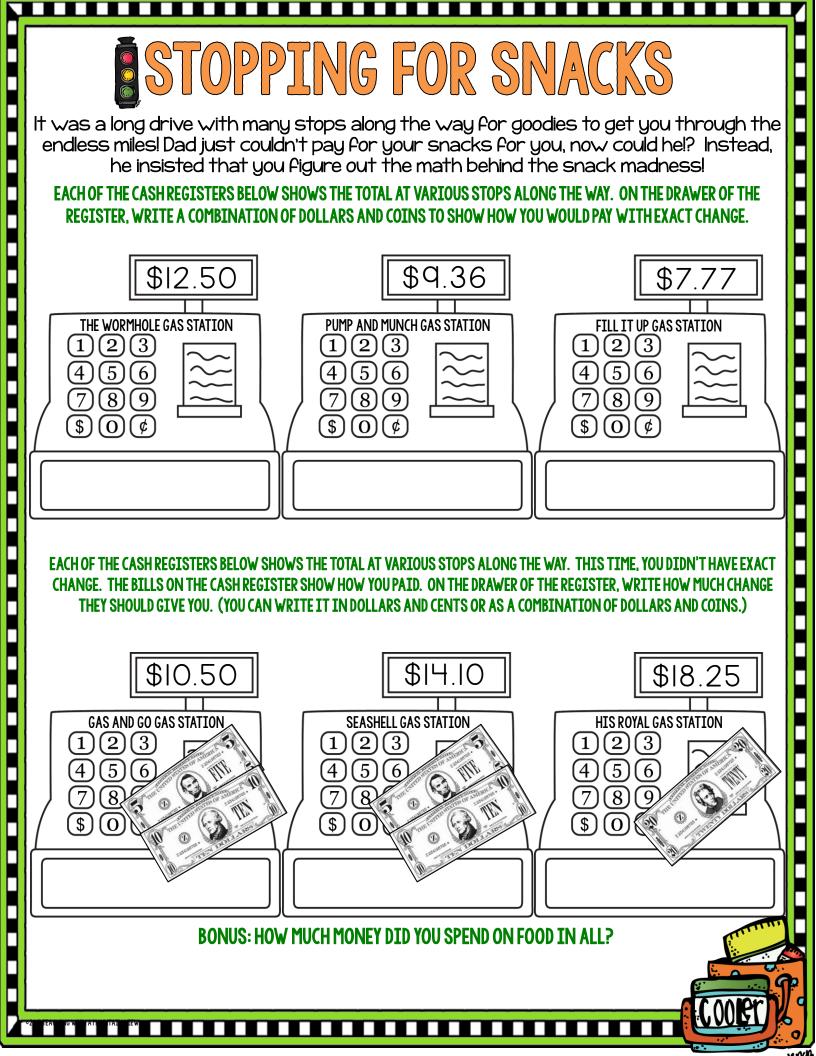
Several locations had parks nearby for walking. Fill in the blanks for each park below to find out how far you strolled. (IMAGES ARE NOT TO SCALE)

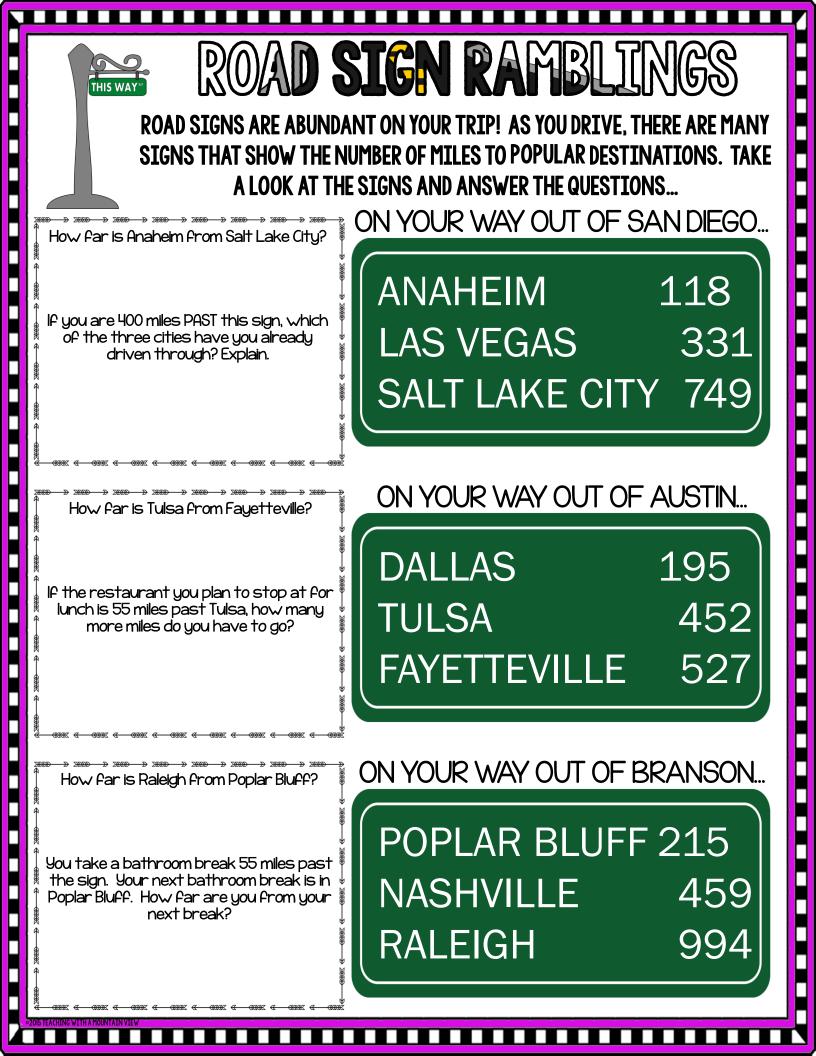


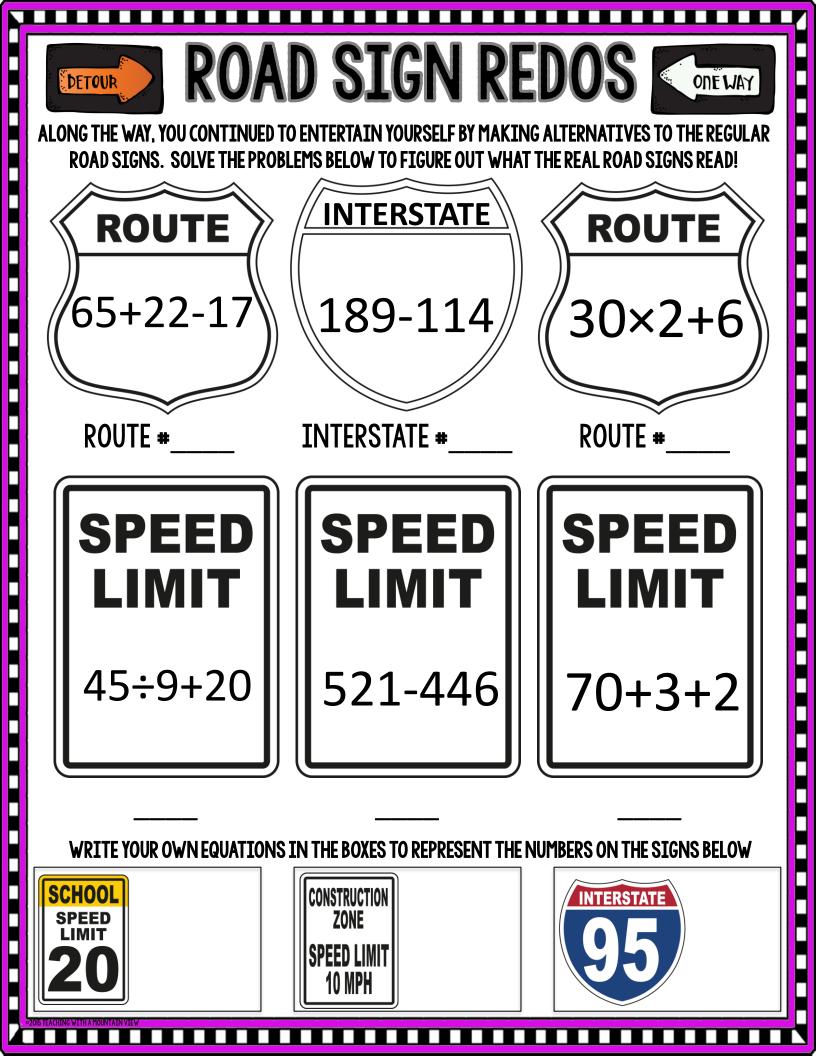




DIMENSIONS		DIMENSIONS		DIMENSIONS	
PERIMETER	480 FEET	PERIMETER	1,000 FEET	PERIMETER	6 MILES
AREA		AREA		AREA	











GAS STATION SITUATIONS

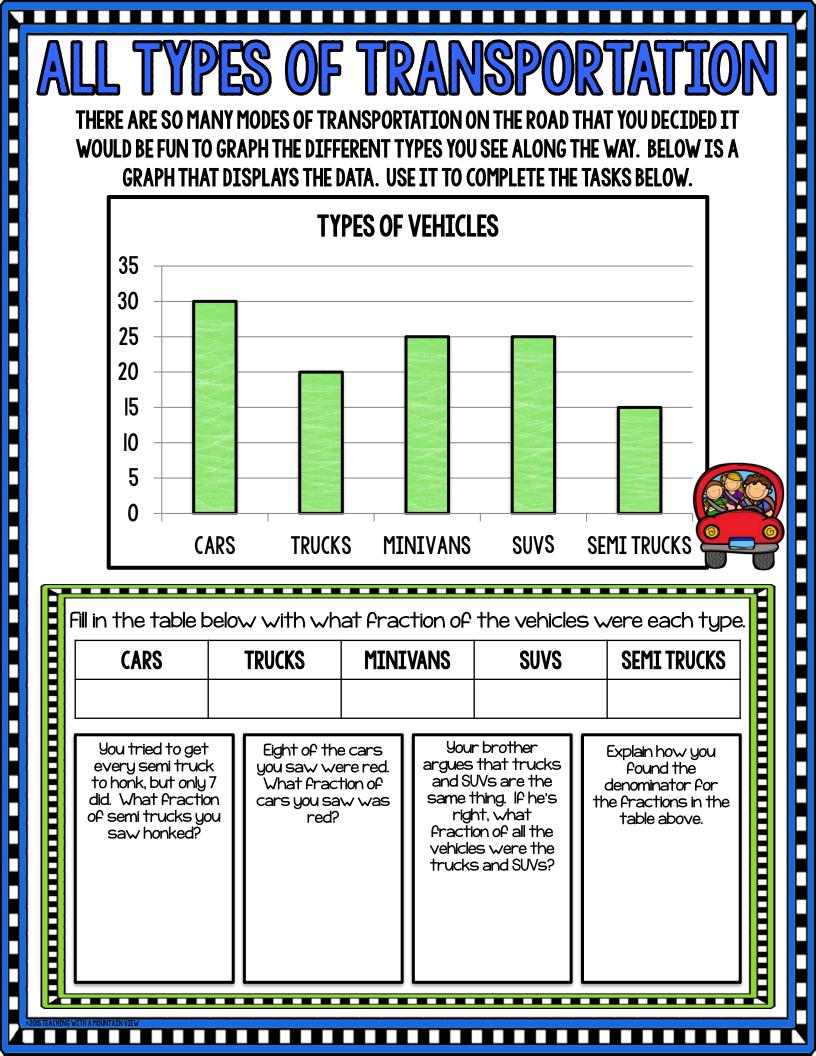
TO SAY THERE WAS A LOT OF GAS INVOLVED IN THIS ROAD TRIP WOULD BE AN UNDERSTATEMENT! MOM HAS BEEN CRAZY ABOUT DOCUMENTING HOW MUCH GAS YOU HAVE USED DRIVING TO EACH OF YOUR DESTINATIONS. HELP HER FILL IN HER FANCY EXCEL SPREADSHEET BELOW BY FINDING THE MISSING NUMBERS.

STOP •	COST PER GALLON	GALLONS FILLED	TOTAL SPENT	MILES DRIVEN	MILES PER GALLON
	\$2.80	16		384	
2	\$3.46	<u>נ</u> ו		345	
3	\$2.45	13		273	
4	\$2.68	12		324	
5	\$3.82	Ю		250	
6	\$2.74	16		368	
7	\$2.89	p		475	
8	\$3.13	12		228	
q	\$2.42	15		330	
10	\$2.5	18		486	

GAS STATION SITUATION QUESTIONS

- I. The fuel tank in your car has a maximum capacity of 19.5 gallons. Before which stop were they almost completely out of gas? Explain.
- I. What was the difference between the highest priced gas and the lowest priced gas?

- I. After which stop did you get the most miles per gallon of gas?
- l. Why do you think a different number of gallons were filled on most stops?



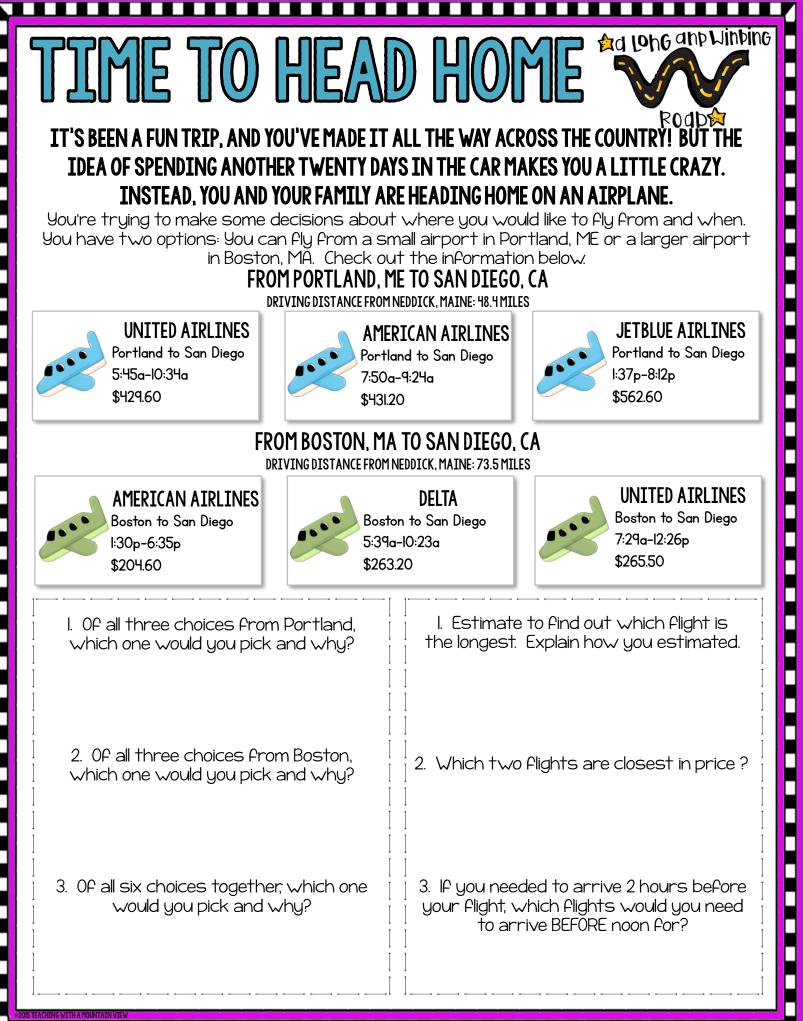


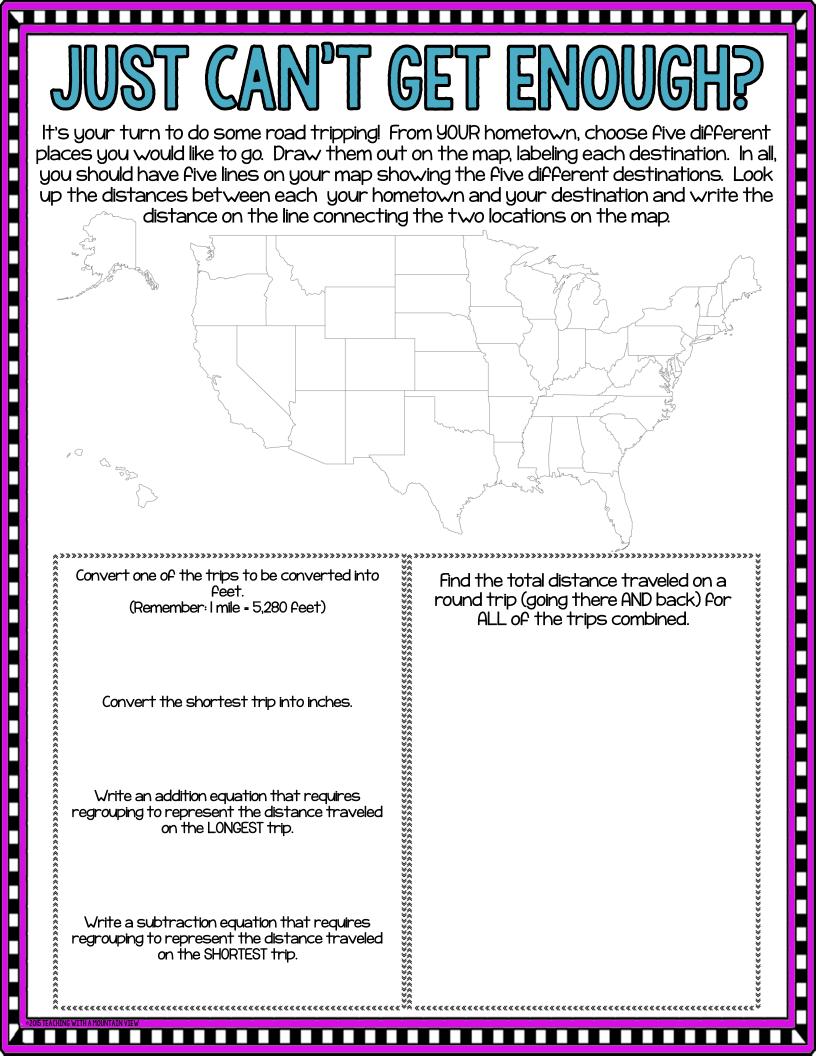
READ THE DIRECTIONS BELOW TO FILL OUT THE NUTRITIONAL INFORMATION FOR THE DORITOS. (YOU DO NOT NEED TO FILL OUT THE PERCENT DAILY VALUE OR VITAMIN SECTIONS)

The Doritos serving size is one package, and there is one serving per container. There are five grams of Fat and 26 times as many calories as there are grams of Fat. There is no Trans Fat, Cholesterol, or Sugar in Doritos. There are Four times as many grams of carbohydrates as there are grams of Fat and ten times as many milligrams of sodium as there are grams of carbohydrates. There are 18 fewer grams of protein than carbohydrates. The Doritos have the same number of grams of Fiber as they do protein.

NOW, USE THE NUTRITIONAL INFORMATION ABOVE TO ANSWER THE FOLLOWING QUESTIONS.

><><><>	One serving of pretzels is 25 pretzels and there are 10 servings in the bag. If you ate TWO servings, how much calories, fat, sodium, and sugar did you eat? CALORIES FAT		Would you eat more calories having a package of M&Ms or TWO servings of Twizzlers?	lf you ate HALF a bag of Twizzlers, how many calories would you be eating?	
*****			Would you eat more fat having TWO packages of Doritos or TWO servings of M&Ms?	Write Fractions to show how many calories From Fat are in the Following snacks. (HINT: YOUR DENOMINATOR WILL BE THE TOTAL NUMBER OF CALORIES)	
****			If you ate one serving of each	M&MS	
.><><><>	SODIUM		item, how many calories would	PRETZELS	
	SUGAR		you eat?	TWIZZLERS	





A CALENDAR OF EVENTS For your reference, here's a peek at your twenty day road trip!						
Day 1	Day 2	Day 3	Day 4			
DRIVING Sleeping somewhere between San Diego and Yellowstone	ARRIVE Yellowstone	VISITING YELLOWSTONE	DRIVING Arriving in Denver			
Day 5	Day 6	þay 7	Þay 8			
VISITING DENVER	DRIVING Sleeping somewhere between Denver and Austin	ARRIVE Arriving in Austin	VISITING AUSTIN			
Day 9	Þay 10	Þay 11	Þay 12			
DRIVING Sleeping somewhere between Austin and Branson, M0	ARRIVE Arriving in Branson	VISITING BRANSON	DRIVING Sleeping somewhere between Branson and Outer Banks			
Þay 13	Day 14	Þay 15	Þay 16			
DRIVING Sleeping somewhere between Branson and Outer Banks	ARRIVE Arriving in Outer Banks	VISITING OUTER BANKS	DRIVING Sleeping somewhere between Outer Banks and North Carolina			
Day 17	Þay 18	Þay 19	Þay 20			
ARRIVE Arriving in New York City	VISITING NYC	DRIVING Sleeping somewhere between New York City and Neddick, Maine	VISITING MAINE			

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