1. Chris rented a car while on a business trip in Los Angeles, CA. Here are the rates that Chris was quoted for the plan that he chose:

* $39.25 per day
* $0.48 per mile

How much is Chris’ car rental bill if he rented a car for 4 days and drove it 136 miles?

2. Ryan rented also rented a car while on a business trip in Los Angeles, CA. Here are the rates that Ryan was quoted for the plan that he chose:

* $48.25 per day
* $0.32 per mile over 100 miles

How much is Ryan’s car rental bill if he rented a car for 4 days and drove it 136 miles?

3. Alyssa, Rianne, Jane, and Brenda went to Chili’s for lunch. The ordered bottomless chips and salsa for $2.94 and two triple plays for $10.79 each. Each girl also ordered a flavored tea for $2.25. There was also an 8% sales tax for the meal. Disregarding a tip, find the total amount for the meal and the amount that each girl paid if they equally shared the cost of the meal.

4. Mark and Jared Amy to Chili’s for supper. They ordered the “2 for $20” special (two entrées and an appetizer for $20) and ice water (free). Later they decided to split a dessert that cost $6.65. There was also an 8% sales tax for the meal. Disregarding a tip, find the total amount for the meal and the amount that each person paid if they equally shared the cost of the meal.

5. Luis, Joe, Danielle, and Erica went to Pizza Hut for lunch. They ordered a large meat lover’s pizza for $15.79, two orders of breadsticks for $3.75 each, and a pitcher of Dr. Pepper for $3.15. Disregard tax and tip.

Danielle paid $\frac{1}{4}$ of the bill, Erica paid 15% of the bill, Joe paid $\frac{1}{3}$ of the bill, and Luis paid the rest. (continued on next page)

* What is the cost for their meal disregarding tax and tip?
* How much did each person pay?

6. Aaron, Brent, Caleb, and Dustin went to King’s Inn as a final dinner before they went off to separate colleges. They ordered a platter of fried catfish for $8.27 , two platters of fried shrimp for $12.46 each, and three platters of onion rings for $5.35 each. They each ordered a soft drink for $2.29. Disregard tax and tip.

Aaron paid $\frac{1}{5}$ of the bill, Brent paid 30% of the bill, Caleb paid $\frac{1}{4}$ of the bill, and Dustin paid the rest.

* What is the cost for their meal disregarding tax and tip?
* How much did each person pay?

7. Mr. Flores worked on his backyard this summer and bought some things for his daughters. He bought a trampoline with an 8-foot diameter for $239, a play set with swings, a slide, and monkey bars for $645, and a basketball goal for the concrete slab for $116. Mr. Flores had a “20% off on 1 item” coupon that he obviously used on the play set. He also had to pay 8% sales tax.

How much did Mr. Flores pay altogether?

8. Mr. Flores later decided to buy a padding for edge of the trampoline and a cover for the trampoline. He needs to calculate the circumference and the area of the trampoline.

Write down the formulas that you need and use 3 for π.

* Circumference
* Area