Solving Word Problems with the Design Recipe

Use The Design Recipe to create models for the word problems and write the appropriate functions.

1. Write a function 'globo-gym' that takes in a number of months and produces the cost for attending the gym that many months when there is a $150 initiation fee and a monthly fee of $45/month.	2. Write a function 'rect-perimeter' that takes in the length and width of a rectangle and returns the perimeter of that rectangle.	3. Write a function 'lawn-area' that takes in a length and width of a lawn and returns the area of that rectangular lawn.
4. Write a function 'rectprism-volume' that takes in the length, width, and height of a rectangular prism and returns the Volume of a rectangular prism.	5. Write a function 'rideshare', that takes in a number of miles and produces the cost of a ride for that many miles at $2.50 plus $1.50/mile.	6. Write a function 'marquee' that takes in a message and returns that message in large gold letters.
7. Write a function 'split-tab' that takes in a cost and the number of people sharing the bill and splits the cost equally.	8. Write a function 'num-cube' that takes in a number and returns the cube of that number.	9. Write a function 'circle-area' that takes in a radius and returns the area of the circle.
10. Write a function 'tip-calculator' that takes in the cost of a meal and returns the 15% tip of that meal.	11. Write a function 'minimum-wage', that takes in a number of hours worked and returns the amount a worker will get paid at $10.25/hr.	12. Write a function 'moving-truck' that takes in the days and number of miles driven and returns the cost of renting a truck. The truck is $55 per day and each driven mile is 15¢.