1.

You have a summer job that pays time and a half for overtime. (If you work more than 40 hours)After that it is 1.5 times your hourly rate of $7.00/hr.a.

Write a piecewise function to represent this problem.b.

How much money do you make if you work 45 hours.2.

Your cell phone plan costs $75/month and gives you unlimited talk, and 500 text messages permonth, and no data plan. After 500 text messages, it costs $.10 per text you send.a.

Write a piecewise function to represent this situation.b.

How much will it cost if you send 750 text messages.3.

You go to Giant to buy some candy. You decide to buy snickers because they have a special dealon snickers. A bag of snickers costs $3.45, but if you buy 4 or more bags, they only cost $3.00per bag. Write a piecewise function to represent this situation.