Linear equations help me through the day. These equations help me stay organized and keep track of things when I am busy. I also see other people using linear equations to help them in their jobs.

I am using a linear equation to plan this essay. I am that type of individual who, when assigned a large project, will evenly distribute his work across multiple days. Right now, I am about one hundred words into this six-hundred-word essay. If I do roughly two hundred words a day, I will be done in three days. I also distribute my time evenly among the homework that I have for my classes. I will spend thirty minutes doing homework for each class. Linear equations help me segment my mornings; I have approximately thirty minutes, after I wake up, before I have to leave the house to go to school. In that time, I have to get dressed, eat, and brush my teeth. If I did the math right, I have about ten minutes for each activity. Besides making me use my time wisely, linear equations also help me keep track of my money. Each month I get an allowance of one hundred and sixty dollars, I can spend that money on gas, food, and entertainment. I have to reconcile my account at the end of each month to ensure that it is balanced before my parents give me the allowance for next month. I created a spread sheet to help me keep track of my purchases and to enter in formulas so that I know exactly how much money I have a left in my account.

Several T.V shows, that I enjoy, “The Deadliest Catch,” “Wicked Tuna,” and “Wheel of Fortune” all use linear equations. Captains on “The Deadliest Catch” have set quotas that they have to meet before the end of the season, they have to estimate how much crab must be in each string in order to reach their quotas. One Captain has a quota of 69,000 lbs and has two pots on his ship. In order for him to reach that goal, each pot must haul up around 55 crabs. “Wicked Tuna” operates in a similar manner, Captains are allowed to catch up to 5 bluefin tuna per outing. However, the size of the tuna that they catch, varies greatly. For example, they can catch a bluefin tuna that might weigh up to five hundred pounds early in the morning and then a few hours later catch one that might weigh two hundred pounds. After the fish are caught, the tuna Captains must bring their catch back to the fishery to sell. The fishery weighs it, to find out how much the fish weighs, and then gives the Captain a price per pound for the fish. One Captain, caught a five hundred fifty-pound bluefin tuna and the price per pound the fishery gave him was nine dollars. The paycheck for the Captain and crew for that fish alone was $4,950. In “Wheel of Fortune”, contestants must spin the wheel to find out how much each letter in the is worth in the phrase. The letter value and the length of each phrase vary from round to round. Contestants spin the wheel, for example, and it stops on $600 and they guess “S” in the phrase. In this example, the host then informs the contestant that there are four “S” in the phrase and they have won $2400. Contestants can win up to $6,000 dollars in the bonus rounds.

I have learned many things in this math class but none more useful than linear equations. This basic function is used everyday in al types of situations.