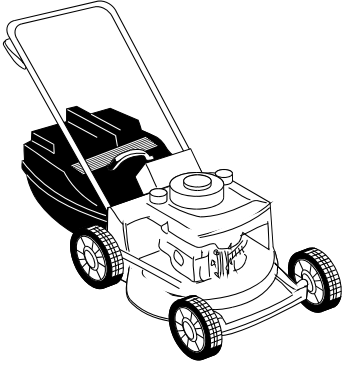


Buying a New Mower

Comparing: Gas Mower vs. Electric



As Tommy started his second spring as businessman he had some issues. First, the family mower was getting old and it was hard to push. Second, the cost of gasoline was rising sharply. It was near \$4 per gallon. It took one gallon of gasoline for Tommy to mow all four lawns. Tommy decided to price mowers and list all the good and bad points of each one.

Gas Mower



Good Points: This mower was very powerful and could mow the tallest grass. It also was self-propelled meaning it would go by itself making it easier to push.

Bad Points: It cost more to buy and the price of gas was going higher.

Electric Mower



Good Points: It costs less to buy and operate.

Bad Points: It was harder to push and there was not always a power outlet to plug it into when the folks were not at home. Plus, he needed a long extension cord.

Tommy decided to go with the higher quality gasoline mower. It would save time and last longer than the electric mower. Before he purchased the new mower he had to calculate what this would do to his profits (how much money was left over after his expenses). He did not want to charge his neighbors (clients) more because it was hard for people to pay more. However, with the new mower Tommy could mow more lawns in less time than before so he decided to keep the price the same (\$1 for every 100 square feet of lawn) and get more clients. All four of his current clients were very happy so he new his business was doing a good job.

Client 1 = 500 sq. feet of lawn = \$5.00 every week

Client 2 = 350 sq. feet of lawn = \$3.50 every week

Client 3 = 650 sq. feet of lawn = _____ every week

Client 4 = 1150 sq. feet of lawn = _____ every week

New! Client 5 = 725 sq. feet of lawn = _____ every week

How much money does Tommy make every four weeks? _____