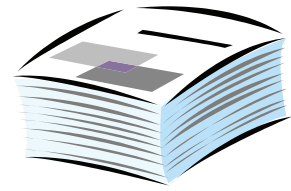# *Advertising Pays Off*
Proportions
Multiple steps: add, divide, multiply

In the first month Tommy advertised his business he received several calls. They all asked the same questions. They were questions he had not planned on so he sat down and talked with his dad.

People (clients) wanted to know how much he would charge for mowing their lawn. Some of the lawns were big and some were small. He didn't think it would be fair to charge a person with a small lawn the same as a person with a large lawn. So his dad suggested to charge by the square foot.
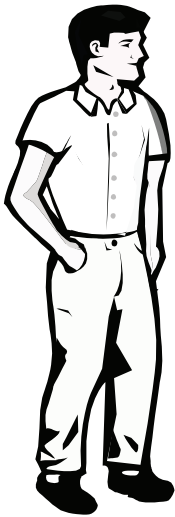
Since the first client (Mr. Bill) was paying $\$5$ per mowing he would use that as his starting point (reference). He went over to Mr. Bill's house and measured his lawn. It was 25 feet long and 20 feet wide for a total of 500 square feet. For every 500 square feet Tommy would charge $5. That was a very easy lawn to measure because it was a perfect rectangle. Most lawns were oddly shaped so it was a good thing Tommy was good with geometry. Now Tommy had several new clients.

Client 1 = 500 sq. feet of lawn = $\$5.00$ every week
Client 2 = 650 sq. feet of lawn = $\$6.50$ every week
Client 3 = 1150 sq. feet of lawn = $\$11.50$ every week

Gross Earnings (total money collected before expenses) = $\$5.00 + \$6.50 + \$11.50 = \$23.00$

What is the charge for client #4 and #5?

Client 4 = 750 sq. feet of lawn = $\$$ _____
Client 5 = 843 sq. feet of lawn = $\$$ _____