2. MicroStuff is a software company that sells two popular applications, WordStuff and ExcelStuff. It doesn’ t cost anything for MicroStuff to make each additional copy of its applications. MicroStuff has three types of potential customers, represented by Ingrid, Javiera, and Kathy. There are 100 million potential customers of each type, whose valuations for each application are as follows:

	WordStuff	ExcelStuff
Ingrid	100	20
Javiera	30	100
Kathy	80	0

1. If MicroStuff sets separate prices for WordStuff and ExcelStuff, what price should it set for each application to maximize its profit? How much profit does MicroStuff earn with these prices?