

1)

The table shows the number of pairs of shoes sold by two new employees at a shoe store. Find linear models for each employee's sales. Use the graph of the models to predict the week in which they could sell the same number of pairs of shoes.

Write each equation then graph the system to find the answer.

Week	1	2	3	4
Ed	50	55	63	67
Jo	40	47	56	62

2)

Annual U.S. Consumption
of Vegetables

Year	Broccoli (lb/person)	Cucumbers (lb/person)
1980	1.5	3.9
1985	2.6	4.4
1990	3.4	4.7
1995	4.3	5.6
1998	5.1	6.5
1999	6.5	6.8
2000	6.1	6.4