

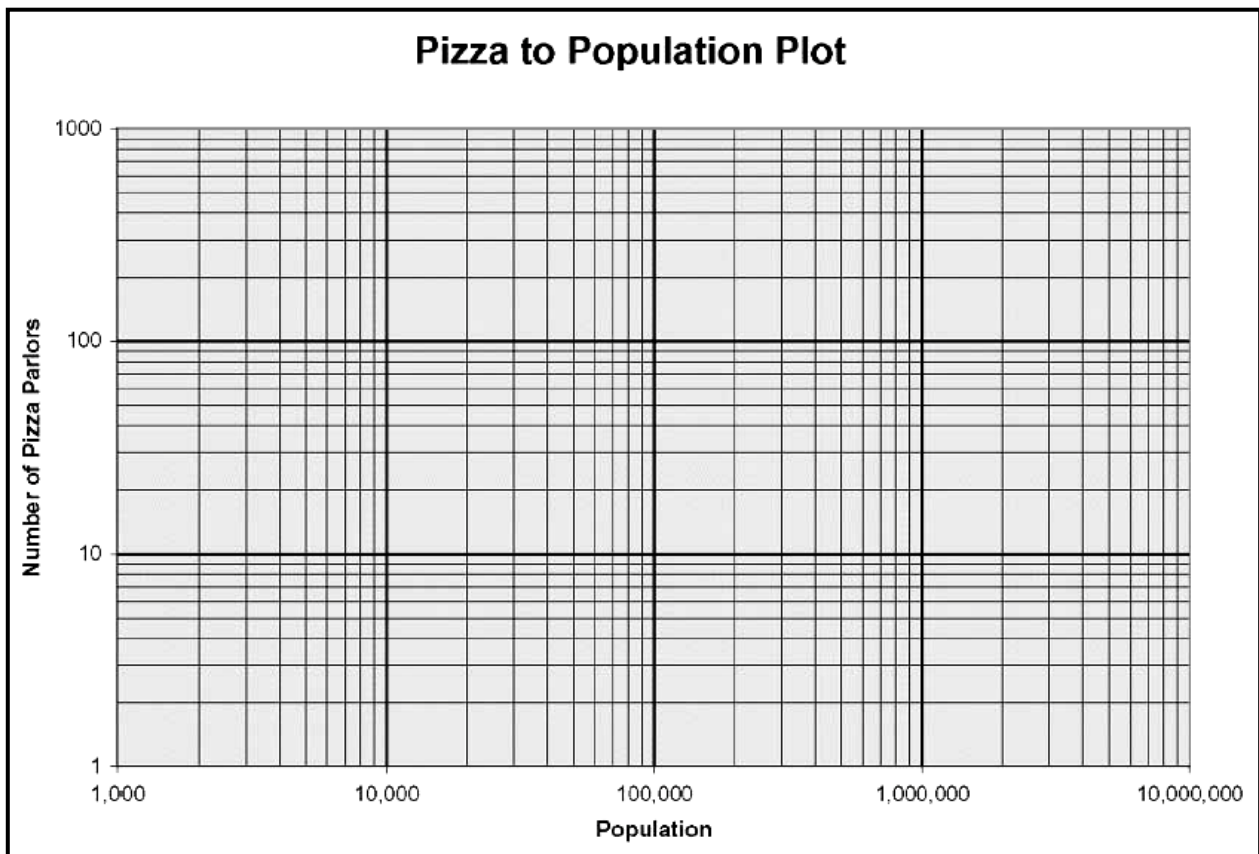
Kuby Ch 9 – Take Me Out to the Ball Game: Market Areas & the Urban Hierarchy

Activity 1 – Threshold of a Function

1.1 Table for Arizona (with a few extra cities)

CITY	POPULATION	No. of pizza parlors	Persons/Parlor
PHOENIX	2,034,866	466	4366.67
TUCSON	444,276	147	3022.29
YUMA	54,923	15	3661.53
FLAGSTAFF	45,857	21	2183.67
PRESCOTT	26,455	10	2645.50
NOGALES	19,489	9	2165.44
GLOBE-MIAMI-SUPERIOR	11,548	8	1443.50
PAYSON	8,377	4	2094.25
WINSLOW	8,190	3	2730.00
SHOWLOW-PINETOP-LAKESIDE	7,441	7	1063.00
TUBA CITY	7,323	1	7323.00
HOLBROOK	4,682	3	1560.67
WICKENBURG	4,515	4	1128.75
SPRINGVILLE	1,802	1	1802.00
GILA BEND	1,747	2	873.50
	2,681,491	701	3825.24
		Average Column D	2537.58

C. 1.2 – 1.3



1.4. Pizza parlor threshold:

1.5. What does it mean for a city to be below the line of best fit?

1.6. Where should your pizza chain open up parlors? Why?