Hierarchy of Services & Settlements:

Small settlements are limited to consumer services that have small thresholds, short ranges & small market areas.

Large settlements can provide consumer services with large thresholds, ranges & market areas

Rank-Size Distribution: a commonly observed statistical relationship between the population sizes and population ranks of a nation's cities

The 2nd largest city in a country is 1/2 the size of the largest city.

NOTE: Not all countries follow the "Rank Size Rule!

Primate City Rule: When the largest city has more than twice the population of the second largest city

Japan

Tokyo	8,949,447
Yokohama	3,689,603
Osaka	2,666,371
Nagoya	2,263,907
Sapporo	1,914,434

A) Is there a Primate City?

Is TOKYO more than TWICE the size of the second largest city?

YES! Tokyo is a primate city.

B) Does this country follow the Rank-Size Rule?

Is Yokohama 1/2 the size of Tokyo?
NO!
Is Osaka 1/3 the size of Tokyo?
Not really
Is Nagoya 1/4 the size of Tokyo?
YES!
Does Japan follow the R-S Rule?

No, it doesn't!

United States:

	7/1/2011 population estimate
New York, N.Y.	8,244,910
Los Angeles, Calif.	3,819,702
Chicago, Ill.	2,707,120
Houston, Tex.	2,145,146
Philadelphia, Pa.	1,536,471

A) Is there a Primate City?

B) Does this country follow the Rank-Size Rule?

Australia:

1	Sydney	4,605,992
2	Melbourne	4,169,103
3	Brisbane	2,146,577
4	Perth	1,832,114
5	Adelaide	1,262,940

A) Is there a Primate City?

B) Does this country follow the Rank-Size Rule?

Brazil

1	São Paulo	11,244,369
2	Rio de Janeiro	6,323,037
3	Salvador	2,676,606
4	Brasília	2,562,963
5	Fortaleza	2,447,409

A) Is there a Primate City?

B) Does this country follow the Rank-Size Rule?

Canada

Rank ⬍	Population centre [5] ⬍	Population in 2011
1	Toronto, Ontario	5,132,794
2	Montreal, Quebec	3,407,963
3	Vancouver, British Columbia	2,135,201
4	Calgary, Alberta	1,095,404
5	Edmonton, Alberta	960,015

A) Is there a Primate City?

B) Does this country follow the Rank-Size Rule?

China

Rank ⬍	City ⬍	Urban Core Population[123] ⬍
1	Shanghai	12,286,300
2	Beijing	9,645,600
3	Chongqing	7,873,800
4	Hong Kong	6,780,000
5	Guangzhou	6,642,800

A) Is there a Primate City?

B) Does this country follow the Rank-Size Rule?

France

Paris	2,181,371
Marseille	839,043
Lyon	472,305
Toulouse	437,715
Nice	347,060

A) Is there a Primate City?

B) Does this country follow the Rank-Size Rule?

India

Rank ⬍	City ⬍	Population (2011) [1] ⬍
1	**Mumbai**	12,478,447
2	**Delhi**	11,007,835
3	**Bangalore**	8,425,970[N 1]
4	**Hyderabad**	6,809,970[N 2]
5	Ahmedabad	5,570,585

A) Is there a Primate City?

B) Does this country follow the Rank-Size Rule?

Iraq

Rank	City name	Province	Pop.
1	**Baghdad**	Baghdad	9,500,000
2	**Mosul**	Ninawa	3,000,096
3	**Basra**	Basra	2,300,125
4	**Arbil**	Arbil	1,293,820
5	**Kirkuk**	Kirkuk	1,200,000

A) Is there a Primate City?

B) Does this country follow the Rank-Size Rule?

Italy

#	City	2010 Est.	
1	Rome	2,761,477	A) Is there a Primate City?
2	Milan	1,324,110	B) Does this country follow the Rank-Size Rule?
3	Naples	959,574	
4	Turin	907,563	
5	Palermo	655,875	

Germany

Rank	City	Pop. 2010
1.	Berlin	3,460,725
2.	Hamburg	1,786,448
3.	Munich / München	1,353,186
4.	Cologne / Köln	1,007,119
5.	Frankfurt am Main	679,664

A) Is there a Primate City?

B) Does this country follow the Rank-Size Rule?

Thailand

№	Name	Population (August 16, 2010)
1	Bangkok (Krung Thep Maha Nakhon)	5,713,288
2	Nonthaburi	262,158
3	Nakhon Ratchasima	142,645
4	Chiang Mai	142,632
5	Hat Yai	158,007

A) Is there a Primate City?

B) Does this country follow the Rank-Size Rule?

Vietnam

Rank	City name	Province	Pop.
1	Ho Chi Minh City	Ho Chi Minh City	7,396,446
2	Hanoi	Hanoi	6,472,200
3	Hai Phong	Hai Phong	1,907,705
4	Can Tho	Can Tho	1,187,089
5	Da Nang	Da Nang	887,069

A) Is there a Primate City?

B) Does this country follow the Rank-Size Rule?