

Name \_\_\_\_\_

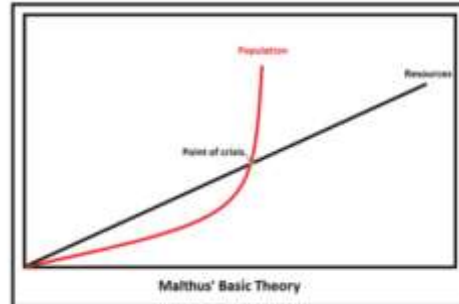
APES Topic 8b – Human Population

Date \_\_\_\_\_

Mr. Romano

**AIM:** \_\_\_\_\_**Quick Review from Topic 1:**Thomas Malthus - Malthusian Theory (1798)

Linear resource growth (mainly food supply) with simultaneous exponential human population growth predicted a future when humans would have no resources to survive on. To avoid such a catastrophe, Malthus urged controls on population growth.

**Demographics:**

Current World Population - \_\_\_\_\_

Current U.S. Population - \_\_\_\_\_

U.S. Population in 2010 - \_\_\_\_\_

U.S. Population in 2000 - \_\_\_\_\_

**AVERAGE WORLD GROWTH RATE CALCULATION:**

What was the average world growth rate between the years 1960-1999?  
(Show your work and/or explain how you came up with your answer.)

**FERTILITY RATES:**

Total Fertility Rate (TFR):

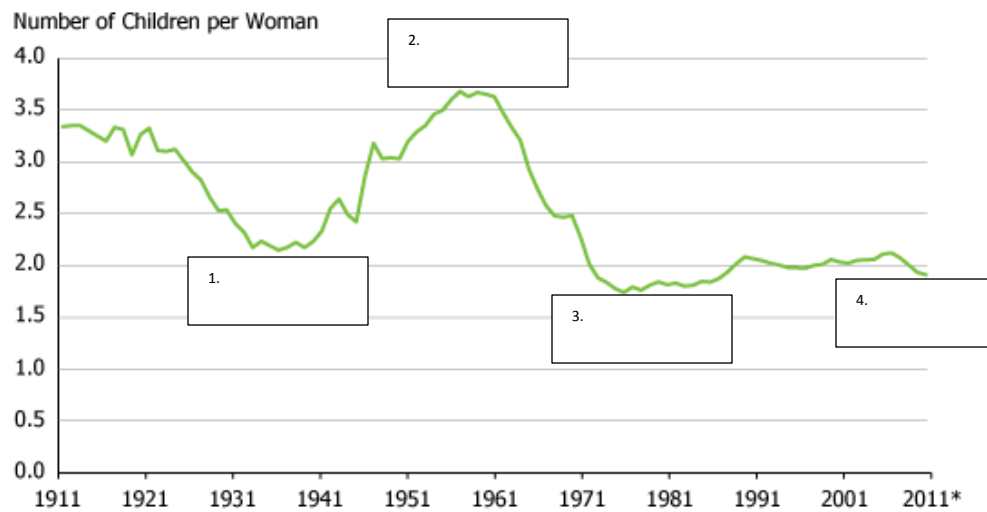
Current TFR Stats:

World - \_\_\_\_\_  
 U.S. - \_\_\_\_\_  
 China - \_\_\_\_\_  
 Africa - \_\_\_\_\_

Replacement Fertility Rate:

Replacement Fertility in  
 most developed nations  
 is - \_\_\_\_\_

### Historical Trend of U.S. TFR



#### Factors Affecting Birth Rates:

- |          |           |
|----------|-----------|
| 1. _____ | 6. _____  |
| 2. _____ | 7. _____  |
| 3. _____ | 8. _____  |
| 4. _____ | 9. _____  |
| 5. _____ | 10. _____ |

#### Factors Affecting Death Rates:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_



The overall quality of life of a country  
is best indicated statistically by:

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**AIM:** \_\_\_\_\_

As we learned earlier in the year, countries are classified based on their economic development. The United Nations groups nations as developing or developed. We also spoke about the fact that there are some countries that are transitioning from developing to developed; these countries are sometimes referred to as newly industrialized.

For developed and developing countries, decide if the characteristic is higher or lower. For the newly industrialized, indicate if the characteristic trend is increasing or decreasing. As a developing country is becoming more developed it is said to be undergoing a **demographic transition**.

| Characteristic           | Developed | Newly Industrialized | Developing |
|--------------------------|-----------|----------------------|------------|
| Country Examples         |           |                      |            |
| Industry                 |           |                      |            |
| Birth rate               |           |                      |            |
| Population Growth rate   |           |                      |            |
| Population Doubling time |           |                      |            |
| Infant mortality         |           |                      |            |
| Life expectancy          |           |                      |            |
| Total fertility rate     |           |                      |            |
| Gross National Product   |           |                      |            |
| Standard of Living       |           |                      |            |
| Quality of Life          |           |                      |            |
| % of Women in School     |           |                      |            |
| Use of Contraception     |           |                      |            |
| Age at Marriage          |           |                      |            |

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AIM: \_\_\_\_\_

**The DTM -**

|          |  |
|----------|--|
| STAGE 5: |  |
| STAGE 4: |  |
| STAGE 3: |  |
| STAGE 2: |  |
| STAGE 1: |  |

CBR, CDR, Total Population

time

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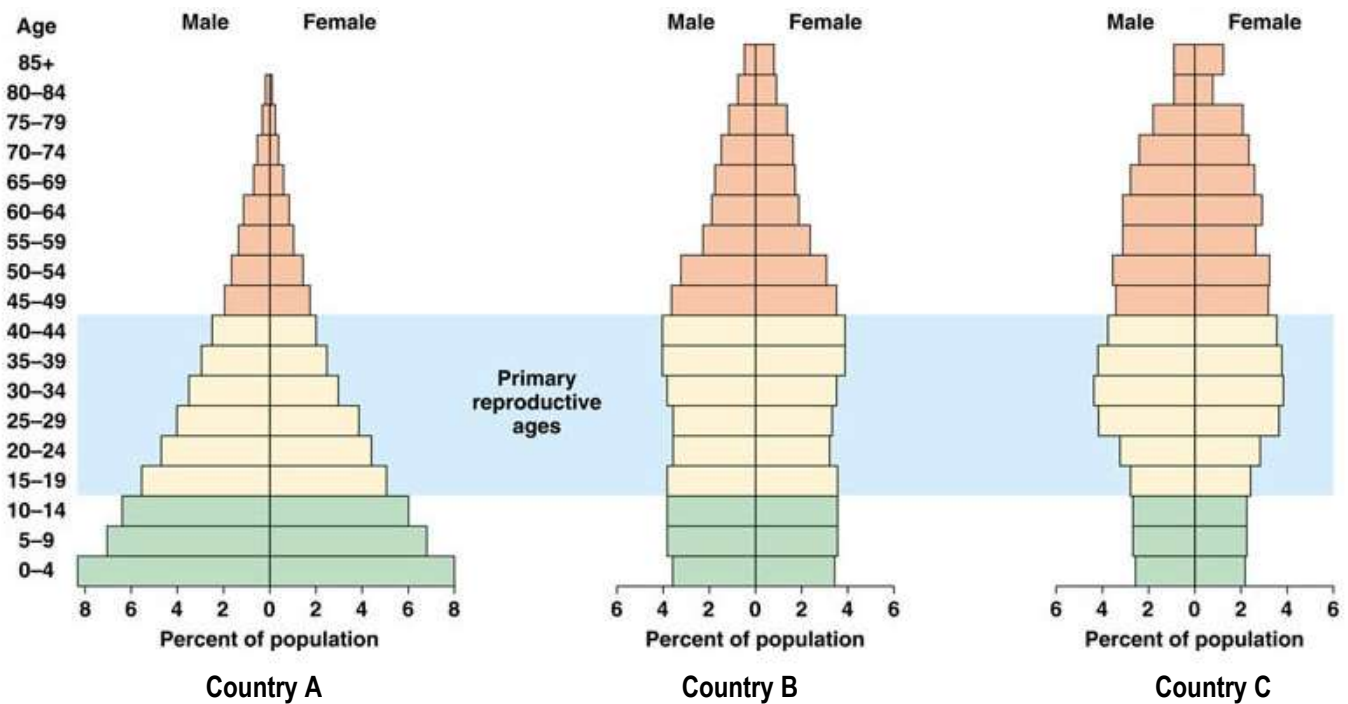
AIM: \_\_\_\_\_

Age Structure Diagrams indicate:

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_



Sample Questions:

1. Approximately what percent of females of Country A are in their prereproductive stage of life? \_\_\_\_\_

2. Which country has a consistently higher male to female ratio in each age group? \_\_\_\_\_

3. Which country will probably experience a decrease in population? \_\_\_\_\_

4. Which country seems to have the most stabilized population? \_\_\_\_\_

5. Which country has the population with the highest average age? \_\_\_\_\_

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# Types of Age Structure Diagrams / Population Pyramids

