The Human Population

1. What environmental resistance factors were faced by humans during the hunter-gatherer period?
2. What about human society changed during the **agricultural revolution**?
	1. What effect did this have on the population?
3. What density-dependent limiting factors still affected the human population following the agricultural revolution?
4. List five new technologies that emerged following the **industrial revolution.**

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1. Define **infant mortality** –
	1. What happened to infant mortality during the industrial revolution?
	2. How did infant mortality affect life expectancy?
2. Define **exponential growth –**
3. Define **doubling time –**
	1. Give the equation for calculating doubling time.
4. Define **demographics –**
5. Developing countries tend to be:
	1. Older or Younger?
	2. Poor or wealthy?
	3. Growing in population size or shrinking?
6. Developed countries tend to be:
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7. Label the developed and developing regions on this population growth graph.



1. Define each of these important demographic variables:

* 1. **Life Expectancy –**
	2. **Total Fertility Rate –**
	3. **Gross Domestic Product per capita** –
1. Fill in the demographic data for these two countries:

|  |  |  |  |
| --- | --- | --- | --- |
| **Country** | **GDP Per Capita** | **Total Fertility Rate** | **Life Expectancy** |
| United States |  |  |  |
| Afghanistan |  |  |  |

1. What is the correlation between life expectancy and GDP?
2. Define **emigration –**
3. Define **immigration –**
4. Define **pronatalist pressure –**
5. Define **antinatalist pressure –**
6. List examples of each type of pressure.

|  |  |
| --- | --- |
| **Pronatalist Pressures** | **Antinatalist Pressures** |
|  |  |



**Demographic Transition Model**

1. Describe the birth rate, death rate, and living conditions for countries in the **pre-industrial stage**.



1. What changes occur as countries enter the **early transition stage**?
2. What changes occur as countries enter the **late transition stage**?



1. What changes occur as countries enter the **industrial stage**?



1. What happens to populations of countries in the **post-industrial stage**?

 

1. Label the preindustrial, transitional, industrial, and post-industrial stages on this graph.



1. Give the maximum population size projections:
	1. Low: \_\_\_\_\_\_\_\_\_\_\_\_
	2. Medium: \_\_\_\_\_\_\_\_\_\_\_
	3. High: \_\_\_\_\_\_\_\_\_\_\_\_