

Name: _____

Handout - Demographics

Define Growth Rate:

2 Major Factors that contribute to growth:

Calculate: Growth Rate = (# - #) / , then convert to %
Ex.

Annual Growth=

Migration-

Two other factors that influence growth rate are...
- People moving into an area
- People moving out of an area

SO this means the formula for *growth rate is really*

$$\frac{(\text{ }) - (\text{ })}{\text{ }} \quad \text{*convert to \%}$$

Doubling Time: *is exactly what it sounds like*

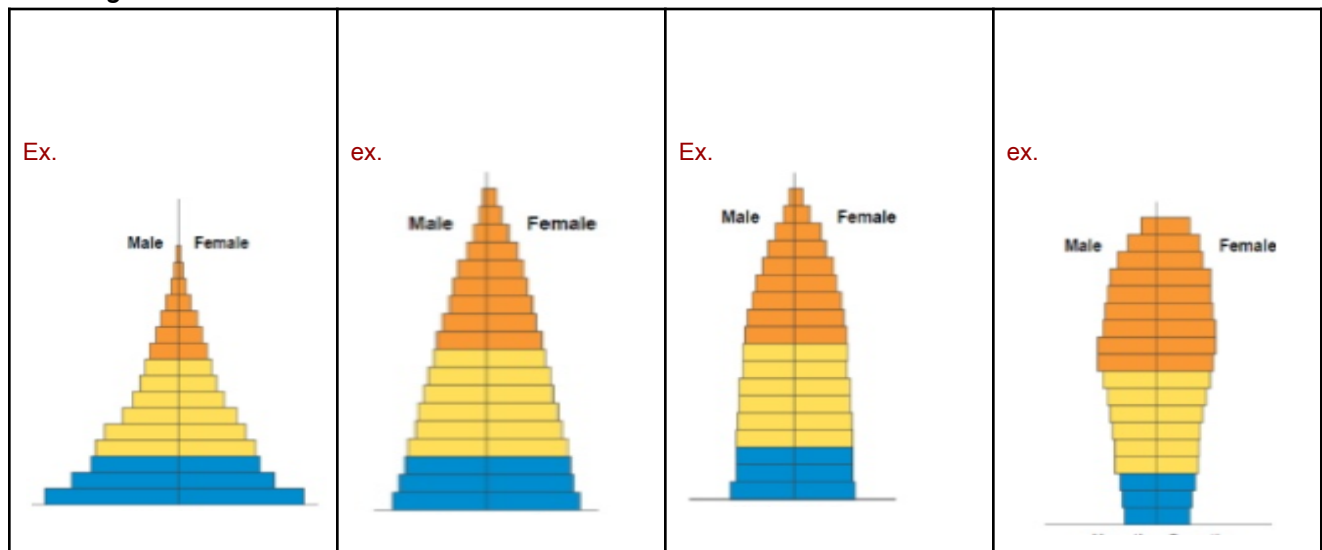
Cities < Countries < World <

Keep in mind, every person who is born needs ...

Water, food, shelter, energy, material goods, education, job, health care, etc...

Which means there is a role for the study of of human populations, aka _____

The diagrams below are called **POPULATION PYRAMIDS**



Developing Nations often have faster growth, but lack the infrastructure to handle it.

Developed Nations have slower (and even negative) growth, which has other problems.

Name: _____

Handout - Demographics

Define Growth Rate: **change in population over a given length of time**

2 Major Factors that contribute to growth: **Births and Deaths**

Calculate: Growth Rate = (# **Births** - # **Deaths**) / 1000 , then convert to %

Ex.

18 Births, 6 deaths

$$(18-6)/1000 = 12/1000$$

$$1.2/100$$

Annual Growth= **1.2%**

Migration- **the movement of a population from one place to another**

Two other factors that influence growth rate are... **Immigration** - People moving into an area

Emigration - People moving out of an area

SO this means the formula for *growth rate is really*

$$\frac{(B + I) - (D + E)}{1000}$$

*convert to %

Doubling Time: *is exactly what it sounds like*

Cities < **10 years**

Countries < **30 years**

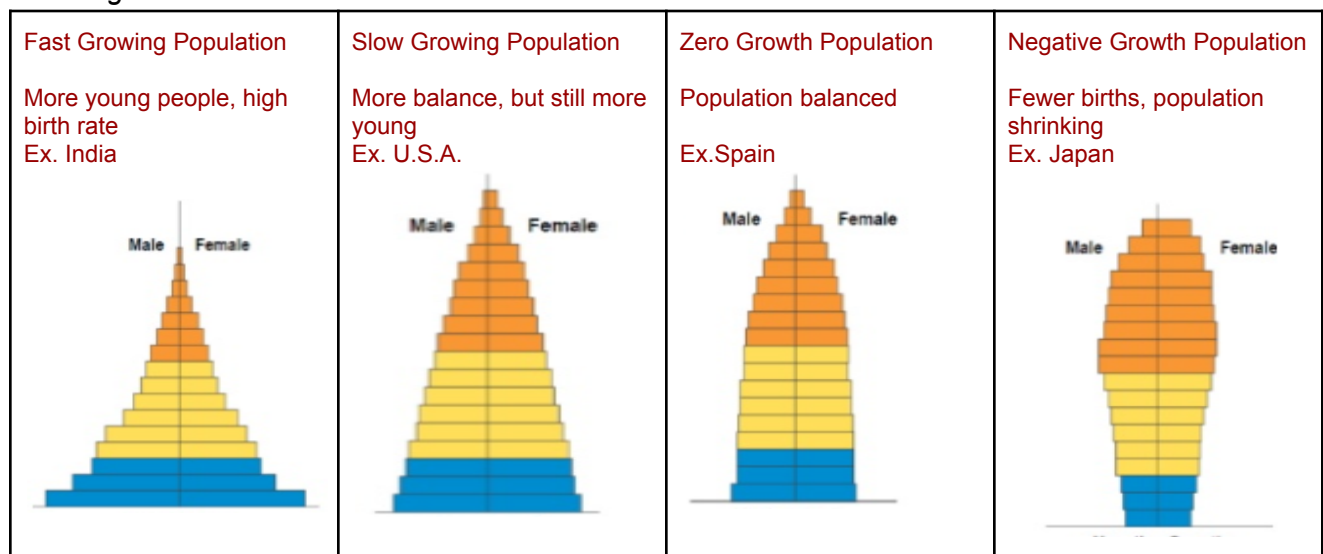
World < **50 years**

Keep in mind, every person who is born needs ...

Water, food, shelter, energy, material goods, education, job, health care, etc...

Which means there is a role for the study of human populations, aka **DEMOGRAPHICS**

The diagrams below are called **POPULATION PYRAMIDS**



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